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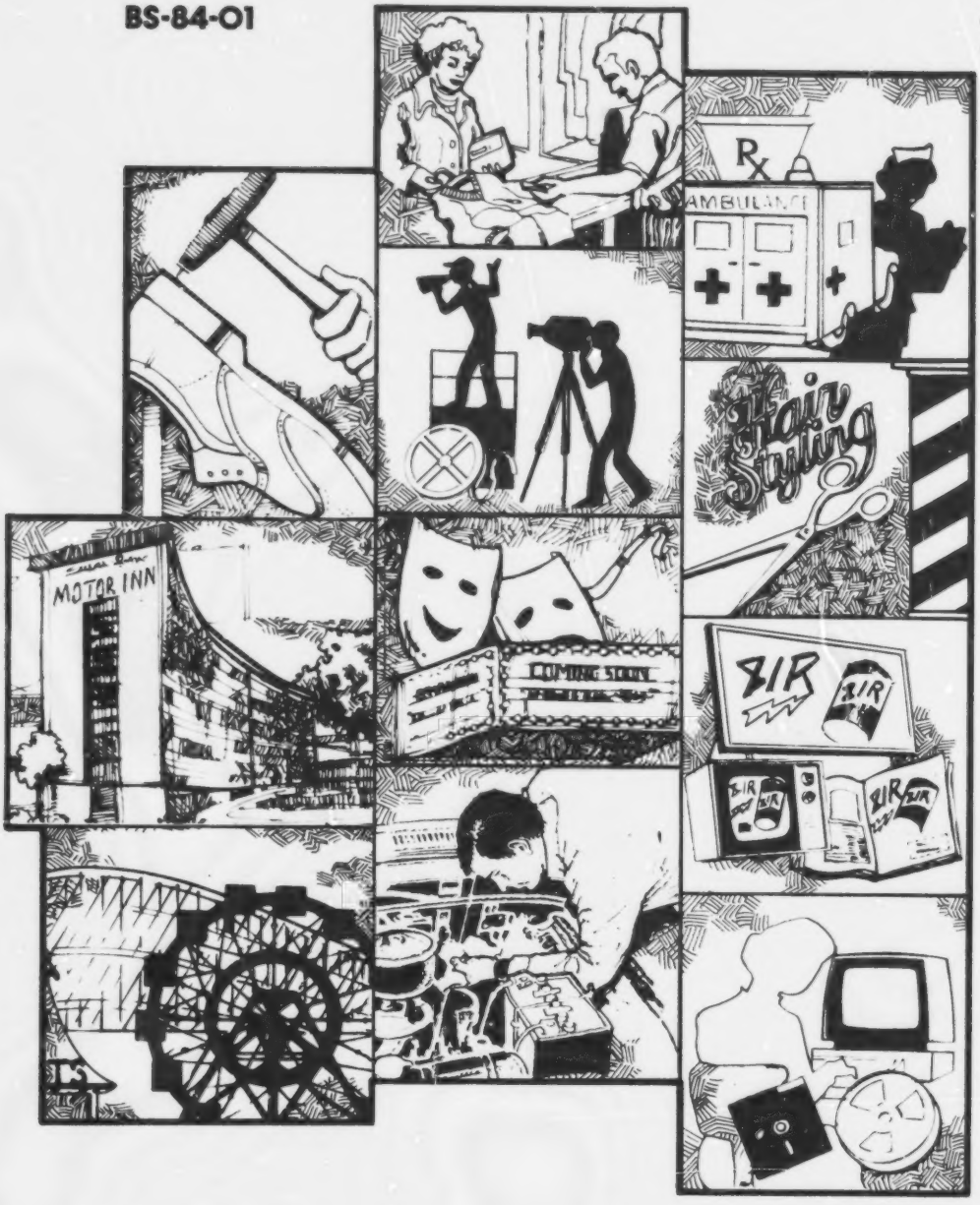
CURRENT BUSINESS REPORTS

1984 Service Annual Survey

BS-84-01



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Inquiries concerning this report should be addressed to **Thomas Zabelsky,** Business Division, Bureau of the Census, Washington, D.C. 20233, telephone (301) 763-3996/763-7102.

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CURRENT
BUSINESS REPORTS

1984 Service Annual Survey

BS-84-01

Issued August 1985

U.S. Department of Commerce
Malcolm Baldrige, Secretary
Clarence J. Brown, Deputy Secretary
Sidney Jones, Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
John G. Keane,
Director

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INTRODUCTION

COVERAGE

This report presents final results from the 1984 Service Annual Survey (SAS) and a benchmarking of the 1977 through 1984 annual receipts estimates to the 1977 and 1982 Censuses of Service Industries.

The statistics presented in this report are summarized by kind-of-business classification based on the 1972 edition of the *Standard Industrial Classification Manual* and the 1977 supplement, issued by the Office of Management and Budget.

In addition to the kinds of business previously covered by the Service Annual Survey [i.e., hotels, motels, tourist courts, camps and trailering parks (Standard Industrial Classification (SIC) 701,3); personal services (SIC 72); automotive repair, services and garages (SIC 75); miscellaneous repair services (SIC 76); amusement and recreation services, including motion pictures (SIC's 78, 79); health services (SIC 80); and legal services (SIC 81)], the 1984 survey was expanded to include the following industries and industry groups:

SIC Code	Title
4722	Arrangement of passenger transportation
653	Real estate agents and managers
73	Business services
824	Correspondence and vocational schools
891	Engineering, architectural, and surveying services
893	Accounting, auditing, and bookkeeping services

Except for legal services, the data presented in this report are for firms subject to Federal income tax and for firms which are exempt from Federal income tax under provisions of sections 501 and 521 of the Internal Revenue Code. Data for legal services are derived from a sample of taxable firms only.

Data for establishments primarily engaged in providing centralized administrative, management, or support functions of a service nature (i.e., accounting, advertising, legal or related management functions, as well as research, development or testing laboratories, repair shops, etc.) for other establishments of the same company are excluded from this report.

Estimates for correspondence and vocational schools, real estate, health, and legal services are derived from a sample of employer firms only. For all other kinds of business presented here, data represent combined estimates for employers and nonemployers.

Appendix A gives a more detailed explanation of the survey coverage and sampling and estimation methodology. Appendix B provides a description of each kind of business included in this report.

BENCHMARKING

The estimates of receipts shown in this publication reflect a benchmarking operation which revised estimates (previously published) to 1977 and 1982 census levels while minimizing changes to the year-to-year trends. This benchmarking operation was implemented for specific detailed SIC's for which annual estimates of receipts were tabulated in the 1982 Service Annual Survey (SAS). Data used as input to the benchmarking operation for the years 1981 through 1984 included all estimates of receipts (see description under Estimation of Receipts Prior to Benchmarking) obtained from SAS. These estimates also reflect corrections subsequent to the publication of the 1983 SAS. The estimates used as input prior to 1981 were obtained from previous samples and were made comparable to estimates obtained from SAS by multiplying the annual estimates from the previous samples by the ratios of the 1981 SAS estimates to the 1981 estimates obtained from the previous sample. Since only monthly estimates were generated from these previous samples, annual estimates were developed by summing the monthly estimates.

Ratios of receipts tabulated in the 1982 Census of Service Industries (1982 benchmark) to receipts tabulated in the 1982 SAS were computed for each detailed SIC. These ratios were then applied to estimates derived from SAS subsequent to 1982 to derive revised 1983 and 1984 estimates of receipts. For detailed SIC's having annual estimates since 1978, these ratios were also applied to the estimates prior to 1982 to derive revised 1978 through 1981 estimates of receipts. For all other detailed SIC's, the 1977 through 1982 annual estimates were used as input to the benchmarking program and revised in a manner linking the results to the 1977 and 1982 Censuses of Service Industries and minimizing changes of the year-to-year trends between the revised and input series for the years 1978 through 1982. The benchmarks for these SIC's were the results tabulated in the 1977 and 1982 Censuses of Service Industries. The estimates of receipts for aggregate SIC's were obtained by summing appropriate detail level estimates, thereby assuring additivity.

For SIC's whose first digit is a 7 (except SIC 73 which was not benchmarked), the sum of receipts of employer and nonemployer establishments and the receipts (excluding receipts from contributions, grants, and gifts) of tax-exempt establishments tabulated in the 1977 and 1982 censuses were used as the benchmarks.

For SIC's whose first two digits are 80, the benchmark was the sum of receipts of employer establishments, and the operating receipts of tax-exempt employer establishments tabulated in the 1982 census. For legal services (SIC 81), only

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the receipts of taxable employer establishments tabulated in the 1982 Census were used as the benchmark. Estimates for SIC's 4722, 653,73, 824, 891, and 893 were not benchmarked since estimates of receipts for these SIC's were not tabulated in the 1982 SAS.

UNPUBLISHED DATA

Receipts estimates for some kinds of business not separately shown in this report are produced as a by-product of the published statistics. These additional data have not been shown in this publication because of their high sampling variability. The Bureau of the Census, upon written request, will release such figures for individual use.

It should be noted that some unpublished figures can be derived from this report by subtracting published data from their respective totals. However, the figures obtained by such subtraction would be subject to the high sampling variability described previously for unpublished kinds of business. These unpublished estimates should be used with caution and must not be published. Annual receipts are also available for some SIC's for the period 1972 through 1976.

SUMMARY OF DATA

Selected Services

Receipts for selected service industries[1] in the United States were estimated at $325.3 billion in 1984, up 11.4 percent from the previous year. Business services (SIC 73), which accounted for nearly 46 percent of the total receipts of selected service industries, rose 15.1 percent from 1983 showing the largest year-to-year gain of the major industry groups presented.

Receipts in 1984 for hotels, motels, tourist courts, camps and trailering parks (SIC 701,3) were approximately $40.3 billion, an increase of 8.2 percent from 1983. Taxes[2] for SIC 701,3 were about 4.8 percent of total receipts in 1984. Corporations accounted for nearly 76 percent of the total receipts for the hotel group. Over 18 percent of the industry group's total receipts were from the five largest companies. Receipts for these five companies rose more than 17 percent from the previous year.

Receipts for personal services (SIC 72) were estimated at $34.8 billion, up 6.9 percent from 1983. Laundry, cleaning, and garment services (SIC 721) gained 14.2 percent from 1983. Individual proprietorships and partnerships accounted for nearly 34 percent of total personal services receipts. 1984 per capita receipts for personal services increased approximately 53 percent from 1978. For laundry, cleaning, and garment services, 1984 per capita receipts increased 44 percent from 1978.

Receipts in 1984 for business services were estimated at $148.3 billion. Personnel supply services (SIC 736) showed the largest year-to-year increase, up 31.9 percent from 1983; followed by computer and data processing services (SIC 737), which gained 15.9 percent from the previous year. For the industries shown, management, consulting, and public relations services (SIC 7392) and computer and data processing services accounted for the largest proportions of total 1984 business services receipts, 19 percent and 18 percent respectively.

Receipts for automotive repair, services, and garages (SIC 75) approximated $40.2 billion in 1984, increasing 12.4 percent from 1983. Automotive repair shops (SIC 753), which comprised 59 percent of the entire automotive group in 1984, rose 9.3 percent from the previous year.

1984 receipts for motion pictures, and amusement and recreation services (SIC 78, 79) were estimated at $44.3 billion, up 6.2 percent from 1983. From 1978 to 1984, per capita receipts increased 21 percent for motion picture theaters (SIC 783) and 64 percent for amusement and recreation services, excluding motion pictures (SIC 79).

Health Services[3]

1984 receipts for health services, excluding hospitals (SIC 80, ex.806) were estimated at approximately $130.0 billion, up 11.9 percent from 1983. Offices of physicians (SIC 801), which accounted for about 48 percent of the total health service receipts in 1984, rose 9.7 percent from the previous year. Receipts for offices of dentists (SIC 802) and nursing and personal care facilities (SIC 805) rose 6.9 percent and 13.8 percent respectively from 1983. Corporations accounted for approximately 75 percent of total health services in 1984. For offices of physicians and offices of dentists, corporations were about 76 percent and 53 percent of total receipts in 1984. From 1978 to 1984, per capita receipts increased 100 percent for offices of physicians and 117 percent for nursing and personal care facilities.

Other Professional Services

Receipts for legal services (SIC 81)[4] increased 13.1 percent from 1983 to a 1984 level of approximately $44.9 billion. Corporations accounted for about 35 percent of total receipts for legal services in 1984. 1984 receipts for engineering, architectural, and surveying services (SIC 891) were estimated at $36.7 billion, up 7.8 percent from the previous year. Receipts for accounting, auditing, and bookkeeping services (SIC 893) rose 10.9 percent from 1983 to an estimated $19.3 billion.

Miscellaneous Services

1984 receipts for arrangement of passenger transportation (SIC 4722) approximated $5.7 billion, increasing 20.5 percent from 1983. Receipts for correspondence and vocational schools (SIC 824)[3] in 1984 rose 11.3 percent from the previous year to an estimated $2.2 billion. 1984 receipts for real estate agents and managers (SIC 653)[3] increased 16.7 percent from 1983 to approximately $24.3 billion.

---

[1]Excludes health, other professional, and miscellaneous services.
[2]Taxes include sales, amusement, occupancy, and other taxes collected directly from customers and paid directly to a local, state, or Federal tax agency.

[3]Derived from a sample of employers only.
[4]Derived from a sample of taxable employers only.

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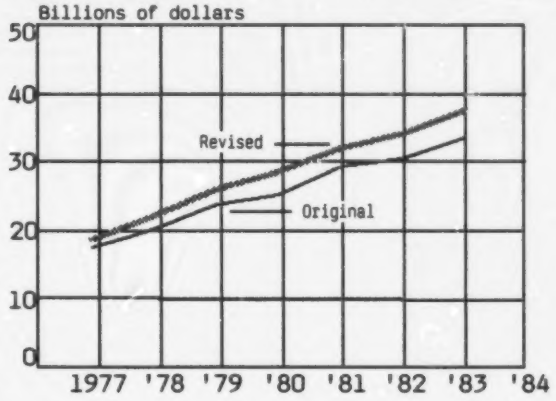
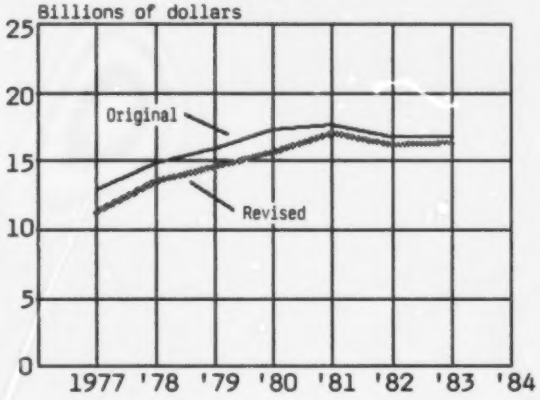
CHART 1. Estimated Annual Receipts for Selected Service Industries, by Major Kind of Business, Original and Revised Series: 1977 Through 1983

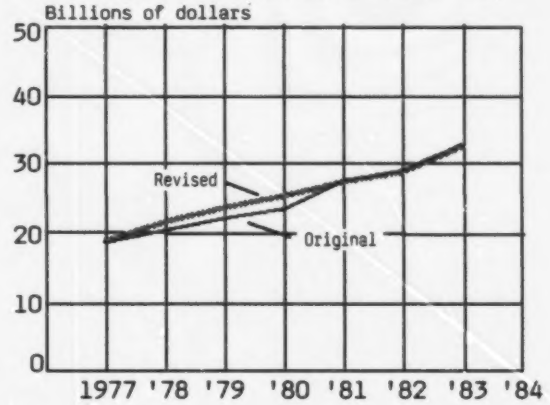
Hotels, Motels, Tourist Courts, Camps and Trailering Parks (SIC 701,3)



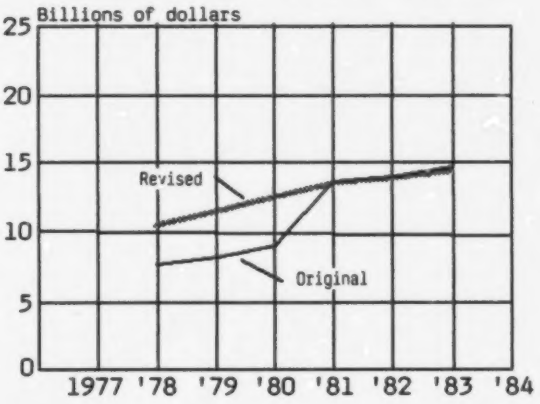
Miscellaneous Repair Services (SIC 76)



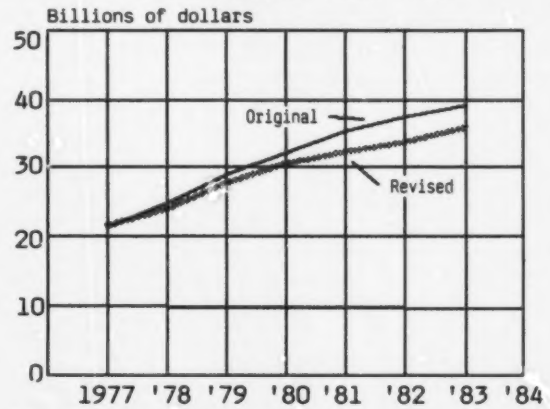
Personal Services (SIC 72)



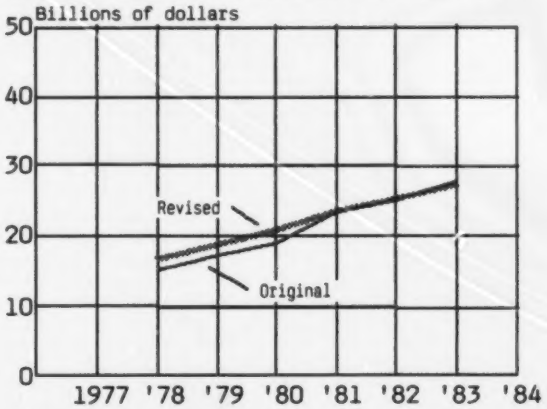
Motion Pictures (SIC 78)*



Automotive Repair, Services, and Garages (SIC 75)



Amusement and Recreation Services, except Motion Pictures (SIC 79)*



*Data not available for 1977.

NOTE: Receipts estimates are not adjusted for price changes. The data represented in this chart are subject to sampling variability. Table 9 provides estimated measures of sampling variability (CV's) for 1983 estimates.

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Estimates for 1977 through 1983 are revised to reflect corrections subsequent to the publication of the 1983 Service Annual Survey report and a benchmarking to the 1977 and 1982 Censuses of Service Industries. See Introduction for a description of the benchmarking process.

Table 1A. Estimated Annual Receipts of Selected Service Industries: 1984 and Revised 1977 Through 1983

SIC code	Kind of business	Dollar volume of receipts[2] (millions)							
		1984	1983	1982	1981	1980	1979	1978	1977
	SELECTED SERVICES, EXCLUDING HEALTH, OTHER PROFESSIONAL, AND MISCELLANEOUS SERVICES								
7	Total selected services[1]	r325,267	r292,110	(NA)	(NA)	(NA)	(NA)	(NA)	(NA
7,ex.73	Total selected services, excluding business services	177,015	163,294	151,141	145,819	132,443	121,732	107,538	92,925
701,3	Hotels, motels, tourist courts, camps, and trailering parks	40,276	37,207	33,950	32,041	28,323	26,037	22,050	18,523
701	Hotels, motels, and tourist courts	38,917	35,897	32,749	30,921	26,952	24,834	21,342	17,719
72	Personal services	34,779	32,525	28,463	27,373	25,133	23,439	21,398	18,443
721	Laundry, cleaning, and garment services	12,271	10,743	9,913	9,575	9,213	8,499	7,835	6,829
7215	Coin-operated laundries and dry cleaning	1,688	1,528	1,481	1,467	1,403	1,296	1,218	(NA)
7216	Dry cleaning plants, except rug cleaning	3,796	3,326	3,004	2,871	2,776	2,520	2,359	(NA)
722	Photographic studios, portrait	2,132	2,161	2,027	1,875	1,702	1,447	1,302	(NA)
723	Beauty shops	8,106	7,755	6,437	6,126	5,798	5,409	4,906	4,274
724	Barber shops	1,027	1,068	1,018	1,042	1,089	1,059	1,054	992
726	Funeral service and crematories	4,507	4,165	3,936	3,706	3,491	3,591	3,184	(NA)
*73	Business services	r148,252	r128,816	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*731	Advertising	13,779	12,086	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7311	Advertising agencies	9,860	8,737	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*734	Services to dwellings and other buildings	10,199	9,161	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*736	Personnel supply services	14,309	10,845	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*737	Computer and data processing services	r 26,108	r 22,534	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7372	Computer programming and other software services	10,019	8,295	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7374	Data processing services	11,564	10,283	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7379	Computer related services, N.E.C.	4,525	3,956	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7392	Management, consulting, and public relations services	27,834	24,784	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7393	Detective agencies and protective services	6,454	5,716	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
75	Automotive repair, services, and garages	40,184	35,745	33,784	32,270	30,547	27,911	23,816	21,576
751	Automotive rental and leasing, without drivers	11,721	10,395	9,751	9,456	8,759	7,556	6,238	(NA)
7512	Passenger car rental and leasing, without drivers	6,568	5,770	5,290	5,011	4,691	4,029	3,474	(NA)
7513	Truck rental and leasing, without drivers	5,033	4,530	4,383	4,362	3,988	3,476	2,738	(NA)
752	Automobile parking	2,254	1,886	1,592	1,511	1,386	1,225	1,036	(NA)
753	Automotive repair shops	23,732	21,714	20,415	19,112	18,077	17,098	14,689	12,770
76	Miscellaneous repair services	17,449	16,070	16,032	16,928	15,424	14,267	13,172	11,028
7622	Radio and television repair shops	1,621	1,619	1,595	1,540	1,391	1,337	1,202	(NA)
78	Motion pictures	15,585	14,533	13,964	13,692	12,509	11,477	10,637	(NA)
783	Motion picture theaters	3,950	3,676	3,610	3,462	3,628	3,263	3,099	(NA)
79	Amusement and recreation services, except motion pictures	28,742	27,214	24,948	23,515	20,507	18,601	16,465	(NA)
793	Bowling alleys and billiard and pool establishments	2,518	2,526	2,308	2,241	2,166	1,809	1,659	(NA)
7996	Amusement parks	2,325	2,246	1,824	1,744	1,610	1,438	1,346	(NA)

*SIC's not previously published in the Service Annual Survey. rRevised from preliminary report. NA Not available.

[1]Total selected services: The sum of SIC's 701 and 703 (701,3) 72, 73, 75, 76, 78, and 79. [2]Except for those SIC's preceded by an asterisk, 1977 through 1984 estimates reflect a benchmarking to the 1977 and 1982 Censuses of Service Industries.

NOTE: Total and group totals include kinds of services not shown separately. Receipts estimates are not adjusted for price changes. See table 9 for estimated measures of sampling variability (coefficients of variation).

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Table 1B. Original Annual Receipts of Selected Service Industries: 1977 Through 1983

SIC code	Kind of business	Dollar volume of receipts (millions)						
		1983	1982	1981	1980	1979	1978	1977
	SELECTED SERVICES, EXCLUDING HEALTH, LEGAL, OTHER PROFESSIONAL, AND MISCELLANEOUS SERVICES							
7,ex.73	Total selected services, excluding business services[1]	164,184	151,953	147,278	126,303	116,542	103,182	91,500
701,3	Hotels, motels, tourist courts, camps, and trailering parks	33,366	30,448	29,250	25,102	23,469	20,164	17,188
701	Hotels, motels, and tourist courts	31,624	28,851	27,814	23,638	22,226	19,443	16,413
72	Personal services	32,689	28,799	27,766	23,589	22,205	20,255	18,374
721	Laundry, cleaning, and garment services	10,554	9,825	9,494	8,819	8,131	7,503	6,771
7215	Coin-operated laundries and dry cleaning	1,932	1,872	1,854	(*)	(*)	(*)	(*)
7216	Dry cleaning plants, except rug cleaning	3,301	2,981	2,849	(*)	(*)	(*)	(*)
722	Photographic studios, portrait	2,178	2,043	1,890	(*)	(*)	(*)	(*)
723	Beauty shops	7,553	6,269	6,053	5,443	5,150	4,734	4,176
724	Barber shops	1,328	1,173	1,157	1,232	1,158	1,113	1,014
726	Funeral service and crematories	4,938	4,666	4,393	(*)	(*)	(*)	(*)
75	Automotive repair, services, and garages	39,110	37,050	35,449	32,117	29,336	24,942	21,415
751	Automotive rental and leasing, without drivers	12,641	11,871	11,527	10,318	8,906	7,295	(*)
7512	Passenger car rental and leasing, without drivers	6,738	6,177	5,851	4,718	4,052	3,494	(*)
7513	Truck rental and leasing, without drivers	5,789	5,601	5,575	5,480	4,777	3,763	(*)
752	Automobile parking	1,404	1,185	1,125	(*)	(*)	(*)	(*)
753	Automotive repair shops	23,192	21,825	20,459	18,706	17,716	15,236	13,386
76	Miscellaneous repair services	16,620	16,507	17,438	17,168	15,782	14,623	12,708
7622	Radio and television repair shops	2,034	1,991	1,935	(*)	(*)	(*)	(*)
78	Motion pictures	14,754	14,184	13,908	9,099	8,370	7,753	(*)
783	Motion picture theaters	3,794	3,726	3,573	3,186	2,866	2,722	(*)
79	Amusement and recreation services, except motion pictures	27,645	24,965	23,467	19,228	17,380	15,445	(*)
793	Bowling alleys and billiard and pool establishments	2,389	2,183	2,120	2,059	1,719	1,576	(*)
7996	Amusement parks	2,306	1,873	1,791	(*)	(*)	(*)	(*)

*Not previously published.

[1]Total selected services excluding business services: The sum of SIC's 701 and 703 (701,3) 72, 75, 76, 78, and 79.

NOTE: Total and group totals include kinds of services not shown separately. Receipts estimates are not adjusted for price changes. The receipts estimates obtained for the years 1977 through 1980 are not comparable to the annual receipts estimates that commence in 1981. The receipts estimates for the years 1977 through 1980 were derived by summing monthly estimates computed from previous samples. Receipts estimates are subject to sampling variability.

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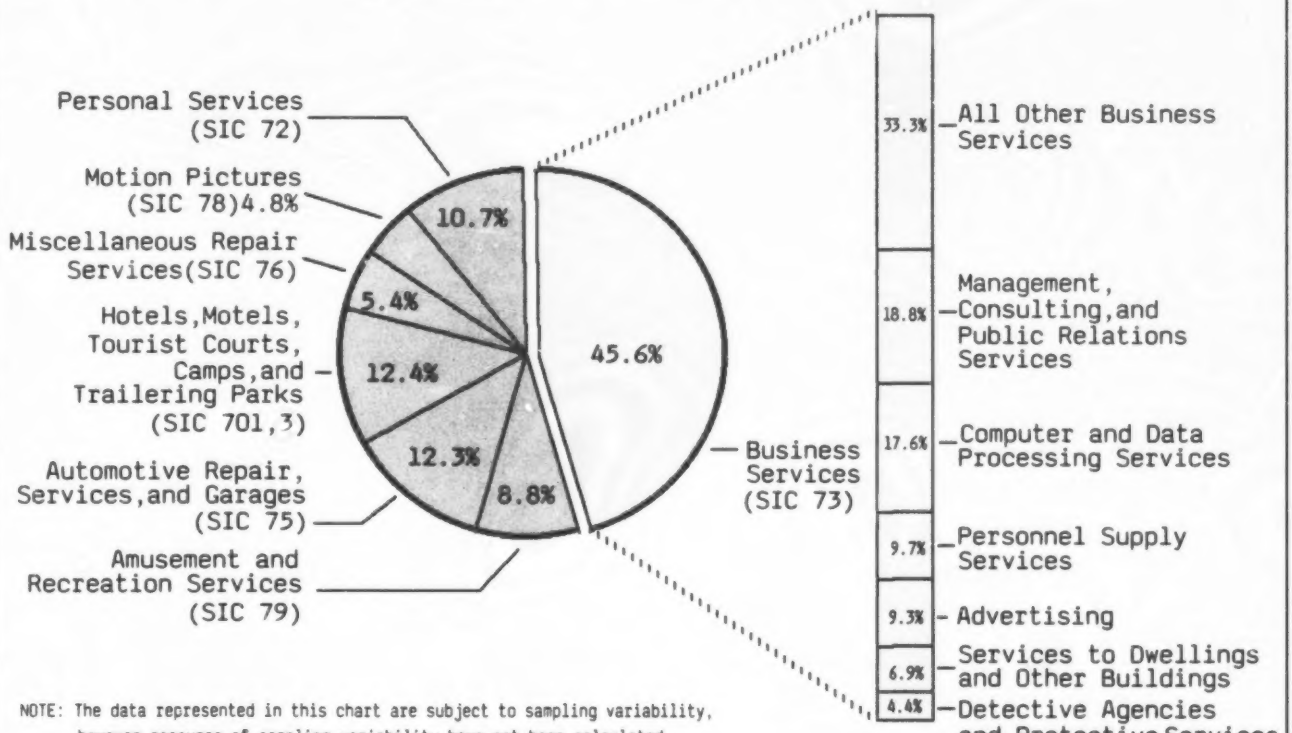
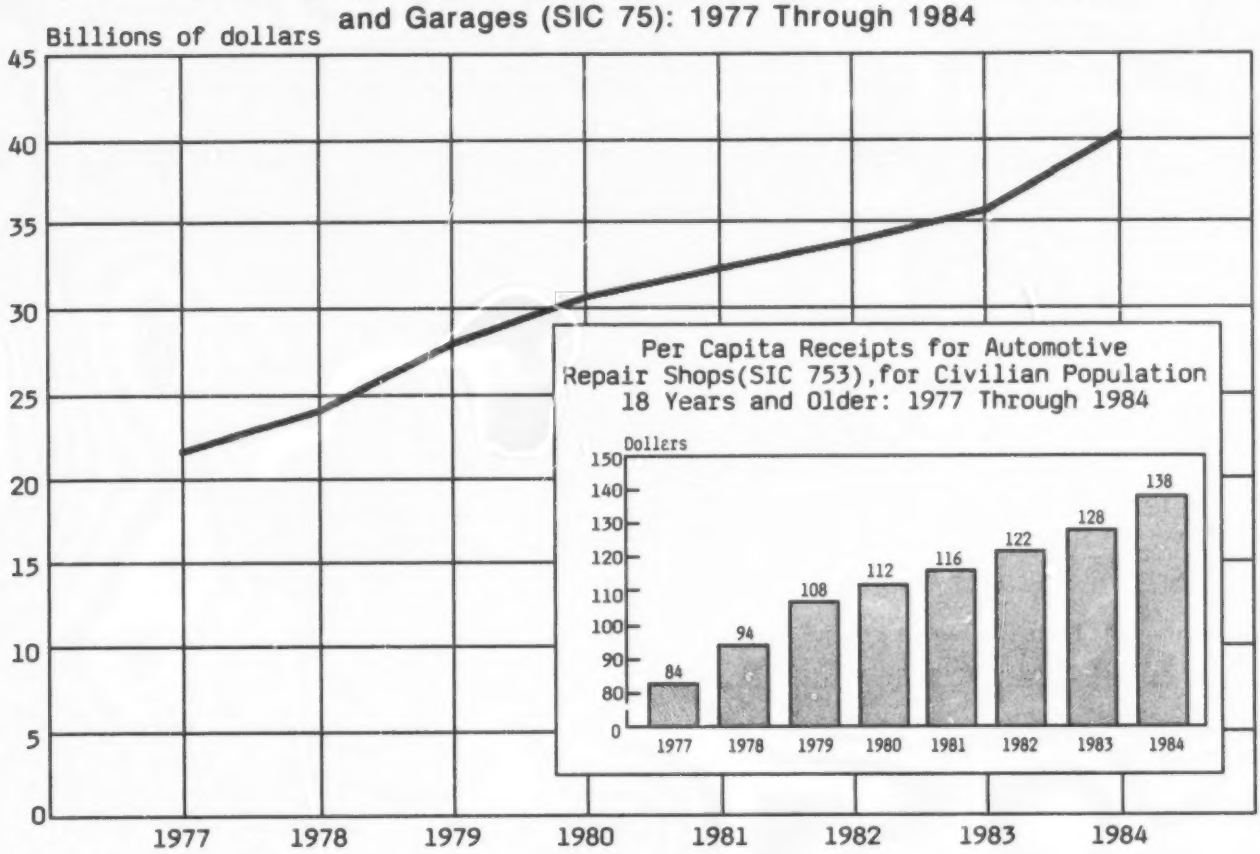
CHART 2. Receipts for Major Industry Groups as a Percent of Total Selected Services Receipts: 1984


Personal Services (SIC 72)
Motion Pictures (SIC 78) 4.8%
Miscellaneous Repair Services (SIC 76)
Hotels, Motels, Tourist Courts, Camps, and Trailering Parks (SIC 701,3)
Automotive Repair, Services, and Garages (SIC 75)
Amusement and Recreation Services (SIC 79)
10.7%
5.4%
12.4%
12.3%
8.8%
45.6%
Business Services (SIC 73)
33.3% All Other Business Services
18.8% Management, Consulting, and Public Relations Services
17.6% Computer and Data Processing Services
9.7% Personnel Supply Services
9.3% Advertising
6.9% Services to Dwellings and Other Buildings
4.4% Detective Agencies and Protective Services

NOTE: The data represented in this chart are subject to sampling variability, however, measures of sampling variability have not been calculated.

CHART 3. Estimated Receipts for Automotive Repair, Services, and Garages (SIC 75): 1977 Through 1984



NOTE: Civilian Population Estimates, 18 years and older as of July 1:
1984-171,757 (thousands); 1983-169,645 (thousands); 1982-167,272 (thousands);
1981-164,669 (thousands); 1980-161,972 (thousands); 1979-158,881 (thousands);
1978-155,715 (thousands); 1977-152,678 (thousands);

Receipts estimates are not adjusted for price changes. The data represented in this chart are subject to sampling variability. Table 9 provides estimated measures of sampling variability (CV's) for 1983 and 1984 receipts data.

Source: U.S. Dept. of Commerce, Bureau of the Census Service Annual Survey and Current Population Report Series P-25, No. 917 and No. 965.

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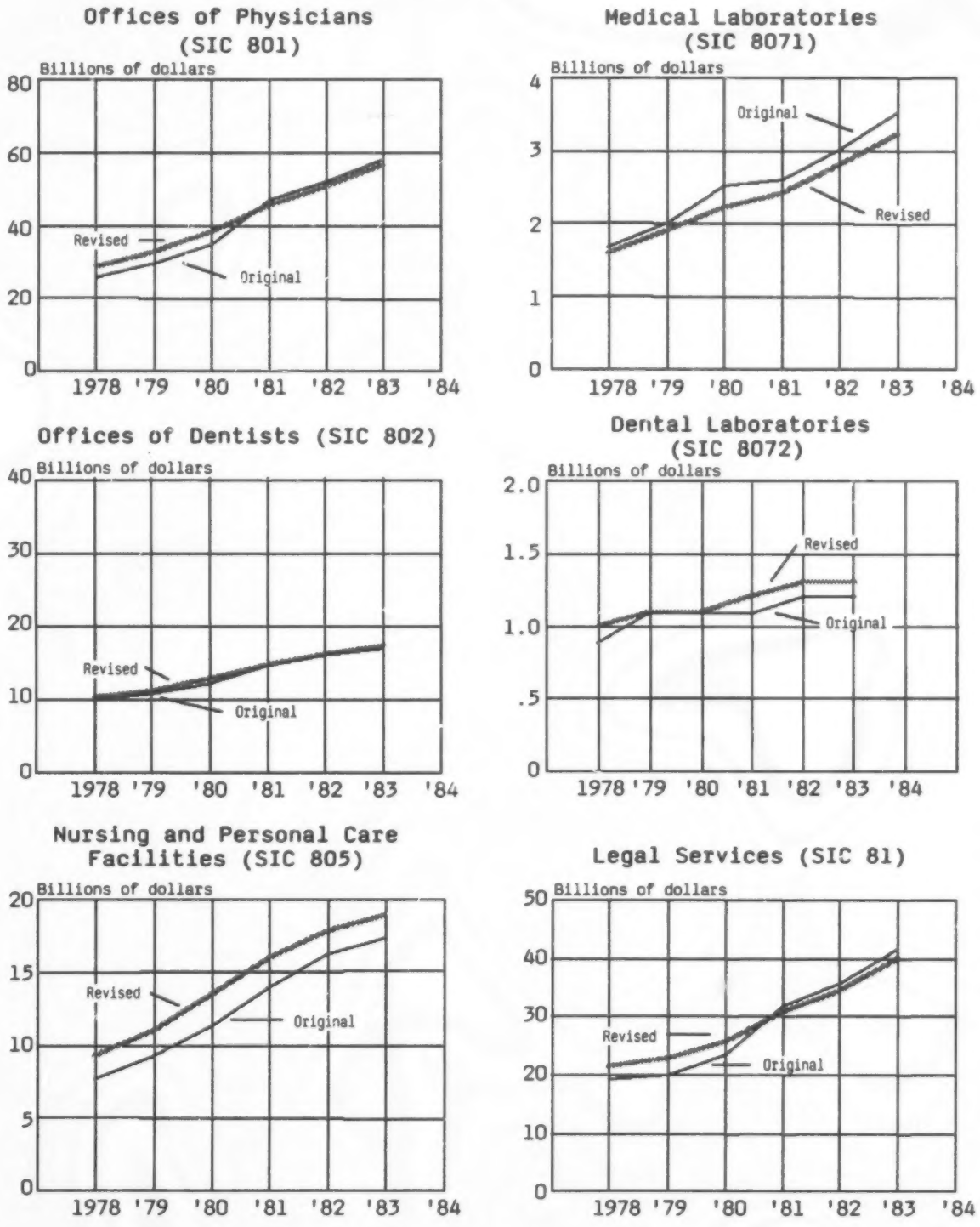
CHART 4. Estimated Annual Receipts for Health and Legal Services, by Kind of Business, Original and Revised Series: 1978 Through 1983



NOTE: Receipts estimates are not adjusted for price changes. The data represented in this chart are subject to sampling variability. Table 10 provides estimated measures of sampling variability (CV's) for 1983 estimates.

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Estimates for 1978 through 1983 are revised to reflect corrections subsequent to the publication of the 1983 Service Annual Survey report and a benchmarking to the 1982 Census of Service Industries. See Introduction for a description of the benchmarking process.

Table 2A. Estimated Annual Receipts for Health, Other Professional, and Miscellaneous Service Industries: 1984 and Revised 1978 Through 1983

SIC code	Kind of business	Dollar volume of receipts[3] (millions)						
		1984	1983	1982	1981	1980	1979	1978
	HEALTH SERVICES[1]							
80,ex.806	Health services, except hospitals	130,027	116,183	105,330	95,271	79,980	67,895	59,698
801	Offices of physicians	62,386	56,890	50,663	45,625	38,754	33,060	29,230
802	Offices of dentists	18,264	17,084	16,071	14,879	12,639	11,270	10,384
805	Nursing and personal care facilities	21,262	18,684	17,585	15,944	13,332	10,842	9,242
8071	Medical laboratories	3,437	3,221	2,820	2,408	2,160	1,934	1,629
8072	Dental laboratories	1,360	1,325	1,263	1,241	1,129	1,112	950
	OTHER PROFESSIONAL SERVICES							
81	Legal services[2]	44,912	39,704	34,325	30,644	25,693	22,672	21,285
*891	Engineering, architectural, and surveying services	36,664	34,011	(NA)	(NA)	(NA)	(NA)	(NA)
*893	Accounting, auditing, and bookkeeping services	19,250	17,352	(NA)	(NA)	(NA)	(NA)	(NA)
	MISCELLANEOUS SERVICES							
*4722	Arrangement of passenger transportation	5,718	4,745	(NA)	(NA)	(NA)	(NA)	(NA)
*653	Real estate agents and managers[1]	24,292	20,817	(NA)	(NA)	(NA)	(NA)	(NA)
*824	Correspondence schools and vocational schools[1]	2,159	1,940	(NA)	(NA)	(NA)	(NA)	(NA)

*SIC's not previously published in the Service Annual Survey. NA Not Available.

[1]Estimates are derived from a sample of employers only and, therefore, do not include nonemployer receipts.
[2]Estimates are derived from a sample of taxable employers only and, therefore, do not include nonemployer receipts and receipts from tax-exempt organizations. [3]Except for those SIC's preceded by an asterisk, 1978 through 1984 estimates reflect a benchmarking to the 1982 Census of Service Industries.

NOTE: Total and group totals include kinds of services not shown separately. Receipts estimates are not adjusted for price changes. See table 10 for measures of sampling variability (coefficients of variation).

Table 2B. Original Estimated Annual Receipts for Health and Legal Services: 1978 Through 1983

SIC code	Kind of business	Dollar volume of receipts (millions)					
		1983	1982	1981	1980	1979	1978
	HEALTH SERVICES[1]						
80,ex.806	Health services, except hospitals	116,160	105,320	95,311	72,783	61,803	(*)
801	Offices of physicians	58,788	52,353	47,147	35,084	29,929	(*)
802	Offices of dentists	17,022	16,013	14,825	12,151	10,835	(*)
805	Nursing and personal care facilities	17,137	16,129	14,624	(*)	(*)	(*)
8071	Medical laboratories	3,468	3,036	2,593	(*)	(*)	(*)
8072	Dental laboratories	1,219	1,162	1,142	(*)	(*)	(*)
	OTHER PROFESSIONAL SERVICES						
81	Legal services[2]	41,282	35,686	31,862	23,394	20,643	19,380

*Not previously published.

[1]Estimates are derived from a sample of employers only and, therefore, do not include nonemployer receipts.
[2]Estimates are derived from a sample of taxable employers only and, therefore, do not include nonemployer receipts or receipts from tax-exempt organizations.

NOTE: Total and group totals include kinds of services not shown separately. Receipts estimates are not adjusted for price changes. The receipts estimates obtained for the years 1977 through 1980 are not comparable to the annual receipts estimates that commence in 1981. The receipts estimates for the years 1977 through 1980 were derived by summing monthly estimates computed from previous samples. Receipts estimates are subject to sampling variability.

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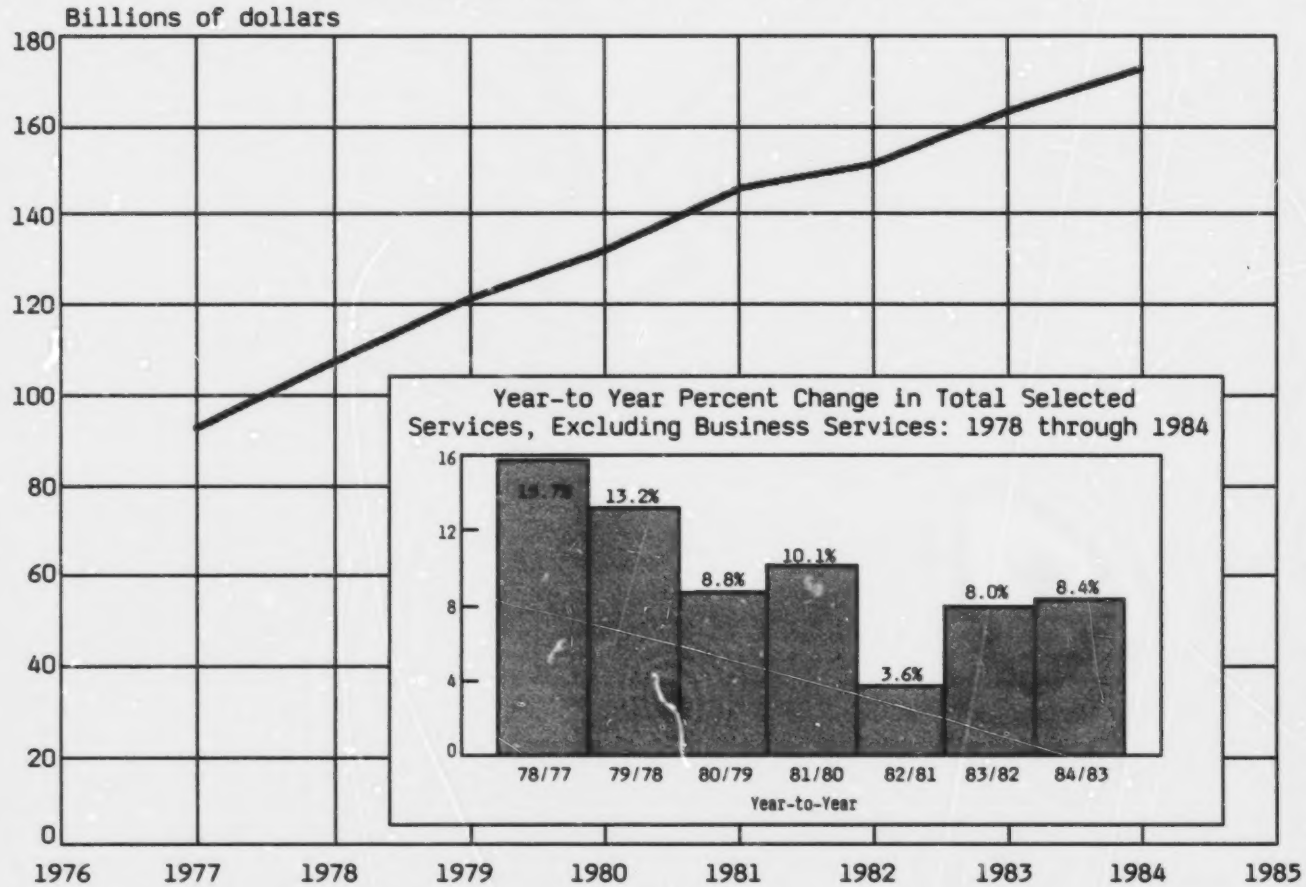
CHART 5. Estimated Receipts and Year-to-Year Percent Changes for Total Selected Services, Excluding Business Services: 1977 Through 1984



NOTE: Receipts estimates are not adjusted for price changes. The data represented in this chart are subject to sampling variability. Table 9 provides estimated measures of sampling variability (CV's) for 1983 and 1984.

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Table 3. Year-to-Year Percent Changes in Dollar Volume Receipts of Selected Service Industries: 1978 Through 1984

SIC code	Kind of business	Year-to-year percent changes[2]						
		1984/1983	1983/1982	1982/1981	1981/1980	1980/1979	1979/1978	1978/1977
	SELECTED SERVICES, EXCLUDING HEALTH, LEGAL, OTHER PROFESSIONAL, AND MISCELLANEOUS SERVICES							
7	Total selected services[1]	r+11.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7,ex.73	Total selected services, excluding business services	+8.4	+8.0	+3.6	+10.1	+8.8	+13.2	+15.7
701,3	Hotels, motels, tourist courts, camps, and trailering parks	+8.2	+9.6	+6.0	+13.1	+8.8	+18.1	+19.0
701	Hotels, motels, and tourist courts	+8.4	+9.6	+5.9	+14.7	+8.5	+16.4	+20.4
72	Personal services	+6.9	+14.3	+4.0	+8.9	+7.2	+9.5	+16.1
721	Laundry, cleaning, and garment services	+14.2	+8.4	+3.5	+3.9	+8.4	+8.5	+14.7
7215	Coin-operated laundries and dry cleaning	+10.5	+3.2	+1.0	+4.6	+8.3	+6.4	(NA)
7216	Dry cleaning plants, except rug cleaning	+14.1	+10.7	+4.6	+3.4	+10.2	+6.8	(NA)
722	Photographic studios, portrait	-1.3	+6.6	+8.1	+10.2	+15.2	+13.4	(NA)
723	Beauty shops	+4.5	+20.5	+5.1	+5.7	+7.2	+10.3	+14.8
724	Barber shops	-3.8	+4.9	-2.3	-4.3	+2.8	+0.5	+6.2
726	Funeral service and crematories	+8.2	+5.8	+6.2	+6.2	-2.8	+12.8	(NA)
*73	Business services	r+15.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*731	Advertising	+14.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7311	Advertising agencies	+12.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*734	Services to dwellings and other buildings	+11.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*736	Personnel supply services	+31.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*737	Computer and data processing services	r+15.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7372	Computer programming and other software services	+20.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7374	Data processing services	+12.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7379	Computer related services, N.E.C	+14.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7392	Management, consulting, and public relations services	+12.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
*7393	Detective agencies and protective services	+12.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
75	Automotive repair, services, and garages	+12.4	+5.8	+4.7	+5.6	+9.4	+17.2	+10.4
751	Automotive rental and leasing, without drivers	+12.8	+6.6	+3.1	+8.0	+15.9	+21.1	(NA)
7512	Passenger car rental and leasing, without drivers	+13.8	+9.1	+5.6	+6.8	+16.4	+16.0	(NA)
7513	Truck rental and leasing, without drivers	+11.1	+3.4	+0.5	+9.4	+14.7	+27.0	(NA)
752	Automobile parking	+19.5	+18.5	+5.4	+9.0	+13.1	+18.2	(NA)
753	Automotive repair shops	+9.3	+6.4	+6.8	+5.7	+5.7	+16.4	+15.0
76	Miscellaneous repair services	+8.6	+0.2	-5.3	+9.8	+8.1	+8.3	+19.4
7622	Radio and television repair shops	+0.1	+2.1	+2.9	+10.7	+4.0	+11.2	(NA)
78	Motion pictures	+7.2	+4.1	+2.0	+9.5	+9.0	+7.9	(NA)
783	Motion picture theaters	+7.5	+1.8	+4.3	-4.6	+11.2	+5.3	(NA)
79	Amusement and recreation services, except motion pictures	+5.6	+9.1	+6.1	+14.7	+10.2	+13.0	(NA)
793	Bowling alleys and billiard and pool establishments	-0.3	+9.4	+3.0	+3.5	+19.7	+9.0	(NA)
7996	Amusement parks	+3.5	+23.1	+4.6	+8.3	+12.0	+6.8	(NA)

*SIC's not previously published in the Service Annual Survey. rRevised from preliminary report. NA Not available.

[1]Total selected services: The sum of SIC's 701 (701,3) 72, 73, 75, 76, 78, and 79. [2]Except for those SIC's preceded by an asterisk, year-to-year percent changes are based on 1977 through 1984 estimates benchmarked to the 1977 and 1982 Censuses of Service Industries. See Introduction for a description of the benchmarking process. Estimated measures of sampling variability (coefficients of variation) are provided in table 9 for 1984/1983.

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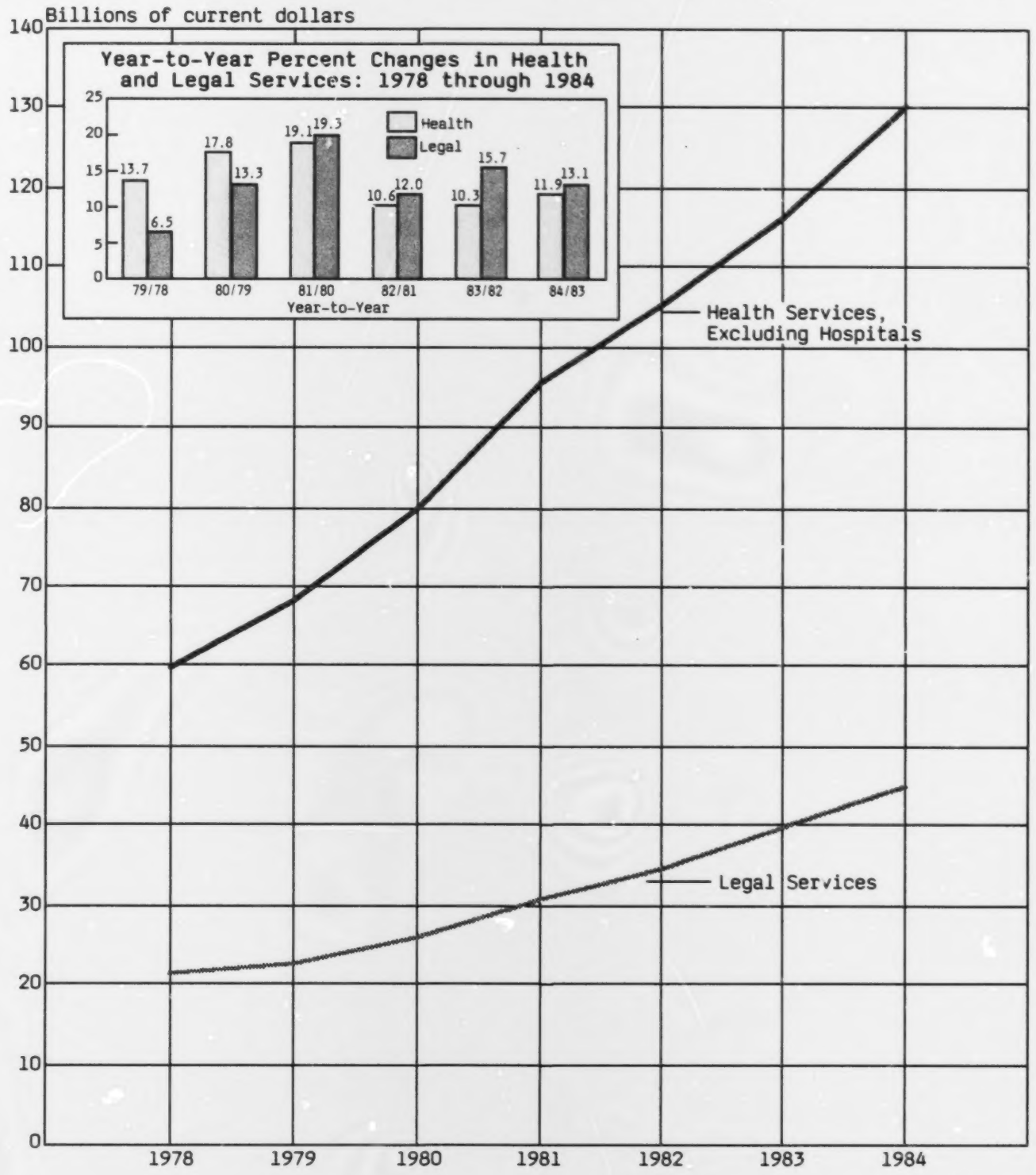
CHART 6. Estimated Receipts and Year-to-Year Percent Changes for Health and Legal Services: 1978 Through 1984



NOTE: Receipts estimates are not adjusted for price changes. The data represented in this chart are subject to sampling variability. Table 10 provides estimated measures of sampling variability (CV's) for 1983 and 1984.

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Table 4. Year-to-Year Percent Changes in Dollar Volume Receipts for Health, Other Professional, and Miscellaneous Service Industries: 1979 Through 1984

(Corresponds to data in Table 2A)

SIC code	Kind of business	Year-to-year percent changes[3]					
		1984/1983	1983/1982	1982/1981	1981/1980	1980/1979	1979/1978
	HEALTH SERVICES[1]						
80,ex.806	Health services, except hospitals	+11.9	+10.3	+10.6	+19.1	+17.8	+13.7
801	Offices of physicians	+9.7	+12.3	+11.0	+17.7	+17.2	+13.1
802	Offices of dentists	+6.9	+6.3	+8.0	+17.7	+12.1	+8.5
805	Nursing and personal care facilities	+13.8	+6.2	+10.3	+19.6	+23.0	+17.3
8071	Medical laboratories	+6.7	+14.2	+17.1	+11.5	+11.7	+18.7
8072	Dental laboratories	+2.6	+4.9	+1.8	+9.9	+1.5	+17.1
	OTHER PROFESSIONAL SERVICES						
81	Legal services[2]	+13.1	+15.7	+12.0	+19.3	+13.3	+6.5
*891	Engineering, architectural, and surveying services	+7.8	(NA)	(NA)	(NA)	(NA)	(NA)
*893	Accounting, auditing, and bookkeeping services	+10.9	(NA)	(NA)	(NA)	(NA)	(NA)
	MISCELLANEOUS SERVICES						
*4722	Arrangement of passenger transportation	+20.5	(NA)	(NA)	(NA)	(NA)	(NA)
*653	Real estate agents and managers[1]	+16.7	(NA)	(NA)	(NA)	(NA)	(NA)
*824	Correspondence schools and vocational schools[1]	+11.3	(NA)	(NA)	(NA)	(NA)	(NA)

*SIC's not previously published in the Service Annual Survey. NA Not Available.

[1]Estimates are derived from a sample of employers only and, therefore, do not include nonemployer receipts. [2]Estimates are derived from a sample of taxable employers only and, therefore, do not include nonemployer receipts or receipts from tax-exempt organizations. [3]Except for those SIC's preceded by an asterisk, year-to-year percent changes are based on 1978 through 1984 estimates benchmarked to the 1982 Census of Service Industries. See Introduction for a description of the benchmarking process. Estimated measures of sampling variability (coefficients of variation) are provided in table 10 for 1984/1983.

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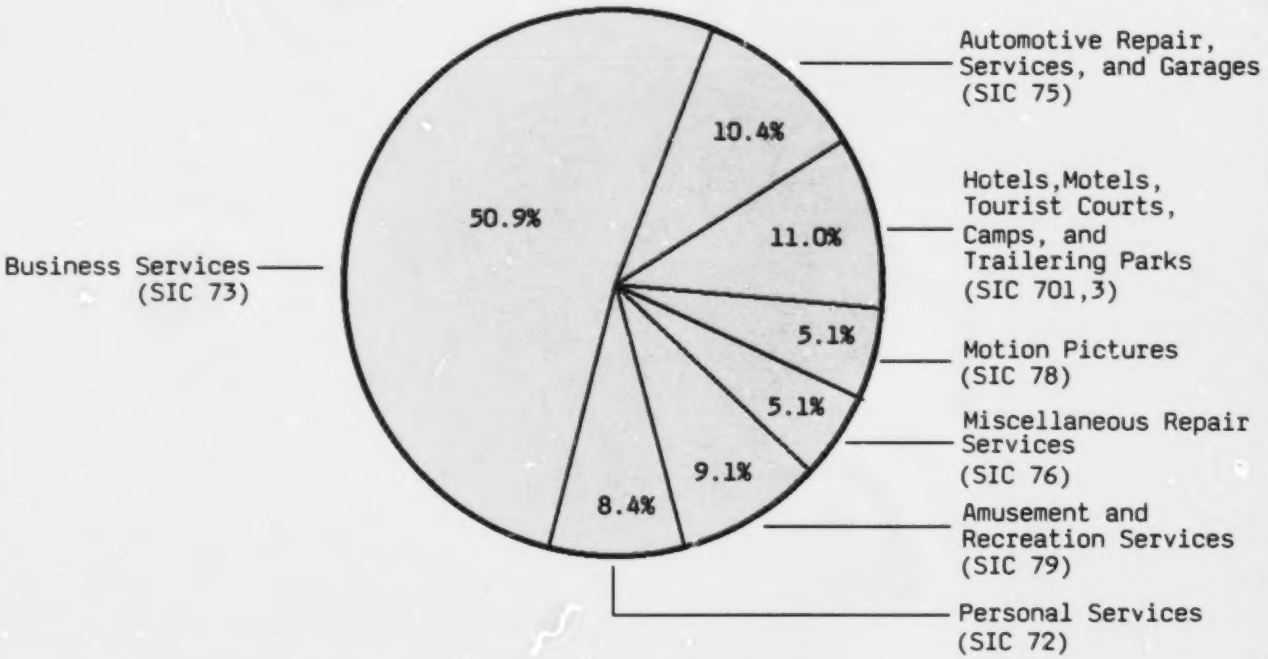
CHART 7. Receipts of Corporations for Major Industry Groups as a Percent of Total Selected Services Receipts for Corporations: 1984



NOTE: The data represented in this chart are subject to sampling variability, however, measures of sampling variability have not been calculated.

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Table 5. Estimated Annual Receipts of Selected Service Industries and Percent of Total Receipts, by Legal Form of Organization: 1984

SIC code	Kind of business	Dollar volume of receipts (millions)	Percent of total receipts		
			Corporations	Partnerships	Individual proprietorships
	SELECTED SERVICES, EXCLUDING HEALTH, LEGAL, OTHER PROFESSIONAL, AND MISCELLANEOUS SERVICES				
7	Total selected services[1]	r325,267	84.7	5.9	9.4
7,ex.73	Total selected services, excluding business services	177,015	76.8	8.7	14.5
701,3	Hotels, motels, tourist courts, camps, and trailering parks	40,276	75.6	18.4	6.0
701	Hotels, motels, and tourist courts	38,917	76.1	18.1	5.8
72	Personal services	34,779	66.4	7.6	26.0
721	Laundry, cleaning, and garment services	12,271	70.2	8.3	21.5
7215	Coin-operated laundries and dry cleaning	1,688	55.3	11.3	33.4
7216	Dry cleaning plants, except rug cleaning	3,796	60.6	13.4	26.0
722	Photographic studios, portrait	2,132	76.8	2.8	20.4
723	Beauty shops	8,106	45.8	9.1	45.2
724	Barber shops	1,027	15.6	8.0	76.4
726	Funeral service and crematories	4,507	86.1	5.7	8.2
*73	Business services	r148,252	94.7	2.2	2.9
*731	Advertising	13,779	94.8	2.8	2.4
*7311	Advertising agencies	9,860	96.6	1.5	1.9
*734	Services to dwellings and other buildings	10,199	89.2	3.1	7.7
*736	Personnel supply services	14,309	97.4	1.0	1.6
*737	Computer and data processing services	r 26,108	98.4	0.6	1.0
*7372	Computer programming and other software services	10,019	98.6	1.3	0.0
*7374	Data processing services	11,564	98.2	0.0	1.8
*7379	Computer related services, N.E.C.	4,524	98.9	0.7	0.5
*7392	Management, consulting, and public relations services	27,834	93.1	4.8	2.1
*7393	Detective agencies and protective services	6,454	97.0	1.5	1.5
75	Automotive repair, services, and garages	40,184	71.5	5.5	23.0
751	Automotive rental and leasing, without drivers	11,721	98.0	1.0	1.0
7512	Passenger car rental and leasing, without drivers	6,568	97.6	1.7	0.7
7513	Truck rental and leasing, without drivers	5,033	99.1	0.0	0.9
752	Automobile parking	2,254	79.4	12.4	8.2
753	Automotive repair shops	23,732	57.2	6.6	36.2
76	Miscellaneous repair services	17,449	80.6	4.4	15.0
7622	Radio and television repair shops	1,621	74.6	2.8	22.6
78	Motion pictures	15,585	89.4	6.2	4.4
783	Motion picture theaters	3,950	89.9	7.2	2.9
79	Amusement and recreation services, except motion pictures	28,742	87.6	7.0	5.4
793	Bowling alleys and billiard and pool establishments	2,518	82.8	5.5	11.7
7996	Amusement parks	2,325	91.0	8.5	0.5

*SIC's not previously published in the Service Annual Survey. rRevised from preliminary report.

[1]Total selected services: The sum of SIC's 701 and 703 (701,3) 72, 73, 75, 76, 78, and 79.

NOTE: Total and group totals include kinds of services not shown separately. Receipts estimates are not adjusted for price changes. Total may include data for other forms of organization not shown separately. The estimates in this table are subject to sampling variability. Estimated measures of sampling variability have not been published but are available upon request.

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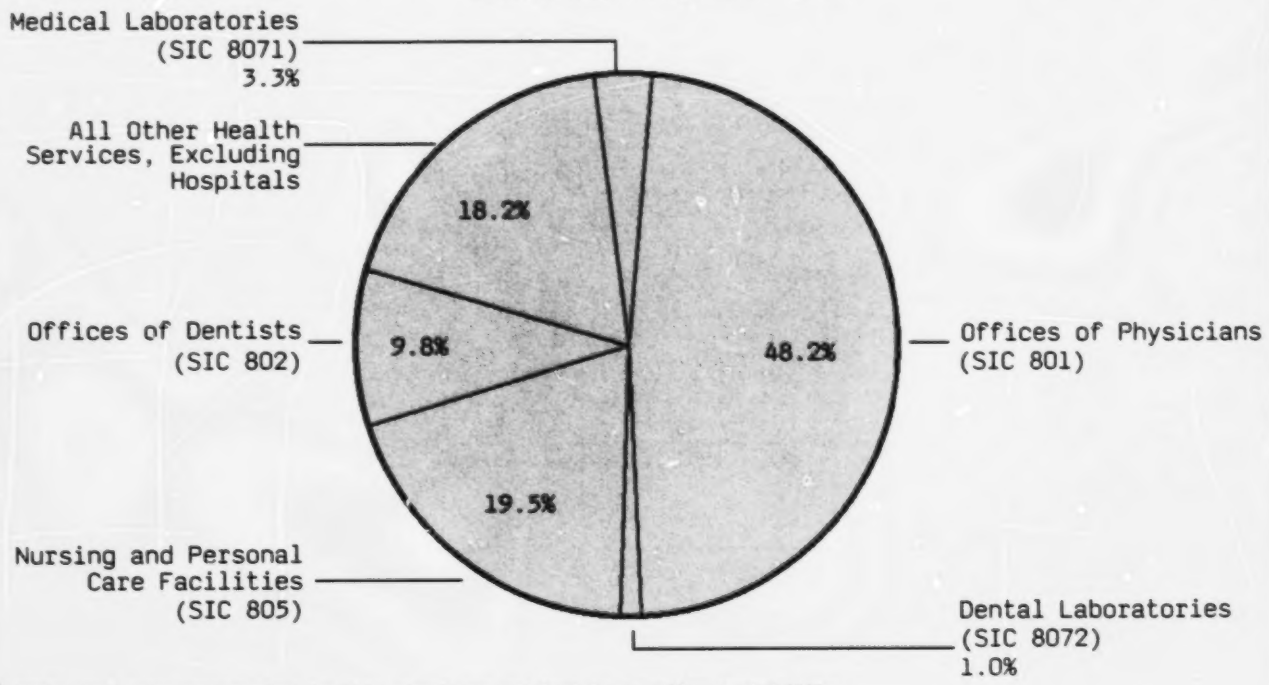
CHART 8. **Receipts of Health Service Corporations, by Kind of Business, as a Percent of Total Health Service Corporations, Excluding Hospitals: 1984**



NOTE: The data represented in this chart are subject to sampling variability, however, measures of sampling variability have not been calculated.

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Table 6. Estimated Annual Receipts of Health, Other Professional, and Miscellaneous Service Industries, and Percent of Total Receipts, by Legal Form of Organization: 1984

SIC code	Kind of business	Dollar volume of receipts (millions)	Percent of total receipts		
			Corporations	Partnerships	Individual proprietorships
	HEALTH SERVICES[1]				
80,ex.806	Health services, except hospitals	130,027	75.2	9.0	15.8
801	Offices of physicians	62,386	75.7	10.8	13.4
802	Offices of dentists	18,264	52.5	5.0	42.5
805	Nursing and personal care facilities	21,262	89.6	8.8	0.6
8071	Medical laboratories	3,437	92.7	7.3	0.0
8072	Dental laboratories	1,360	71.8	4.8	23.4
	OTHER PROFESSIONAL SERVICES				
81	Legal services[2]	44,912	34.5	54.1	11.4
*891	Engineering, architectural, and surveying services	36,664	86.4	8.4	5.2
*893	Accounting, auditing, and bookkeeping services	19,250	28.1	62.7	9.2
	MISCELLANEOUS SERVICES				
*4722	Arrangement of passenger transportation	5,718	86.6	6.3	7.0
*653	Real estate agents and managers[1]	24,292	87.5	4.7	6.7
*824	Correspondence schools and vocational schools[1]	2,159	98.2	0.0	1.8

*SIC's not previously published in the Service Annual Survey.

[1]Estimates are derived from a sample of employers only and, therefore, do not include nonemployer receipts.
[2]Estimates are derived from a sample of taxable employers only and, therefore, do not include nonemployer receipts or receipts from tax-exempt organizations.

NOTE: Total and group totals include kinds of services not shown separately. Receipts estimates are not adjusted for price changes. Total may include data for other forms of organization not shown separately. The estimates in this table are subject to sampling variability. Estimated measures of sampling variability have not been published but are available upon request.

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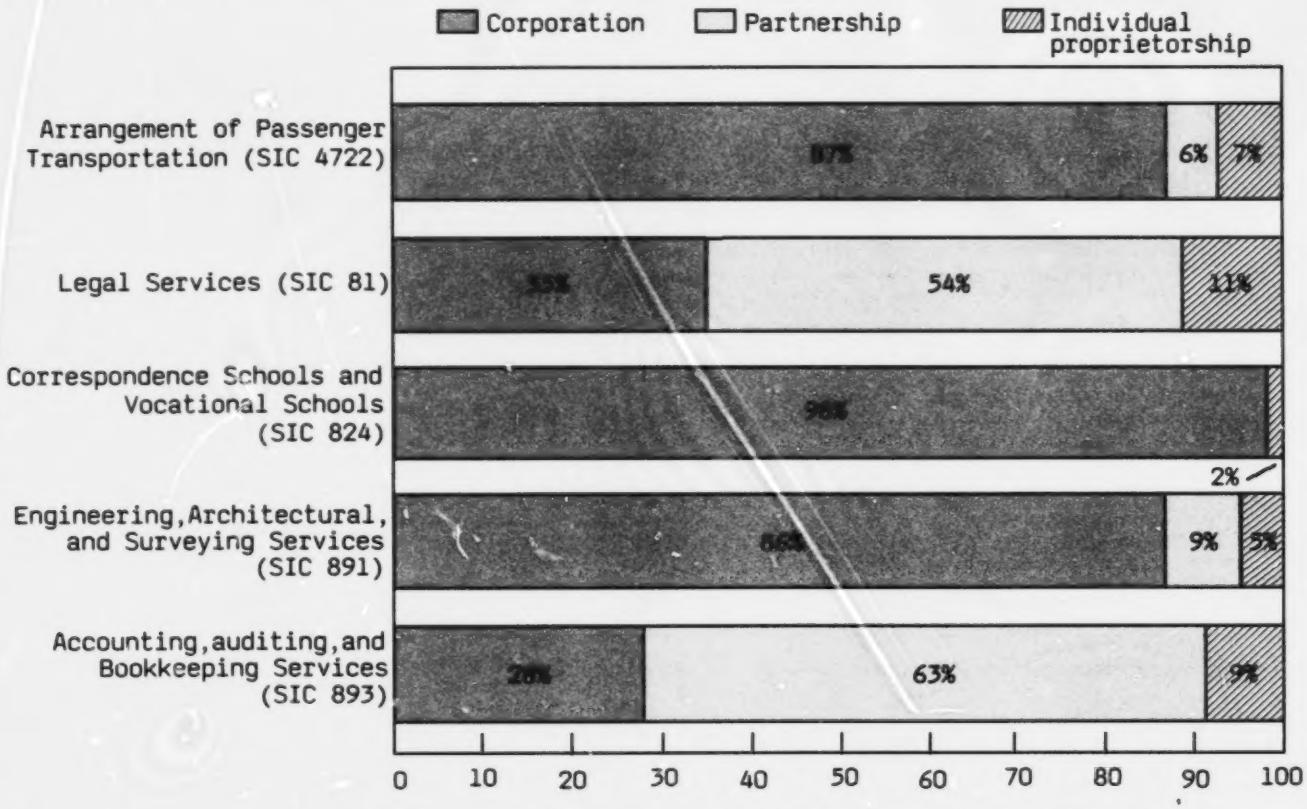
CHART 9. Percent of Total Receipts, by Legal Form of Organization for Other Professional and Miscellaneous Services: 1984



NOTE: The data represented in this chart are subject to sampling variability, however, measures of sampling variability have not been calculated for this data.

Percentages may include data for other forms of organization not shown separately.

Table 7. Estimated Taxes as a Percent of Service Receipts: 1984

SIC code	Kind of business	1984 sales and other taxes (percent)
	SELECTED SERVICES, EXCLUDING HEALTH, LEGAL, OTHER PROFESSIONAL, AND MISCELLANEOUS SERVICES	
7	Total selected services[1]	1.8
7,ex.73	Total selected services, excluding business services	2.6
701,3	Hotels, motels, tourist courts, camps, and trailering parks	4.8
701	Hotels, motels, and tourist courts	5.0
72	Personal services	1.2
721	Laundry, cleaning, and garment services	1.2
7215	Coin-operated laundries and dry cleaning	0.6
7216	Dry cleaning plants, except rug cleaning	1.0
722	Photographic studios, portrait	3.7
723	Beauty shops	0.3
724	Barber shops	0.6
726	Funeral service and crematories	1.3
*73	Business services	0.6
*731	Advertising	0.3
*7311	Advertising agencies	0.4
*734	Services to dwellings and other buildings	0.6
*736	Personnel supply services	0.1
*737	Computer and data processing services	0.6
*7372	Computer programming and other software services	0.6
*7374	Data processing services	0.5
*7379	Computer related services, N.E.C.	0.7
*7392	Management, consulting, and public relations services	0.5
*7393	Detective agencies and protective services	0.6
75	Automotive repair, services, and garages	2.7
751	Automotive rental and leasing, without drivers	3.1
7512	Passenger car rental and leasing, without drivers	3.8
7513	Truck rental and leasing, without drivers	2.3
752	Automobile parking	3.7
753	Automotive repair shops	2.6
76	Miscellaneous repair services	2.0
7622	Radio and television repair shops	2.4
78	Motion pictures	0.8
783	Motion picture theaters	2.0
79	Amusement and recreation services, except motion pictures	2.3
793	Bowling alleys and billiard and pool establishments	2.8
7996	Amusement parks	3.6
	HEALTH SERVICES[2]	
80,ex.806	Health services, except hospitals	0.1
801	Offices of physicians	(S)
802	Offices of dentists	0.1
805	Nursing and personal care facilities	(S)
8071	Medical laboratories	0.1
8072	Dental laboratories	1.2
	OTHER PROFESSIONAL SERVICES	
81	Legal services[3]	(S)
*891	Engineering, architectural, and surveying services	0.1
*893	Accounting, auditing, and bookkeeping services	(NA)
	MISCELLANEOUS SERVICES	
*4722	Arrangement of passenger transportation	0.6
*653	Real estate agents and managers[2]	(NA)
*824	Correspondence schools and vocational schools[2]	0.1

*SIC's not previously published in the Service Annual Survey. S Less than 0.1 percent. NA Not available.

[1]Total selected services: The sum of SIC's 701 and 703 (701,3) 72, 73, 75, 76, 78, and 79. [2]Estimates are derived from a sample of employers only and, therefore, do not include taxes for nonemployers. [3]Estimates are derived from a sample of taxable employers only and, therefore, do not include taxes from nonemployers or tax-exempt organizations.

NOTE: Taxes include sales, amusement, occupancy, and other taxes collected directly from customers and paid directly to a local, State, or Federal tax agency. The estimates in this table are subject to sampling variability, however measures of sampling variability for these estimates have not been calculated.

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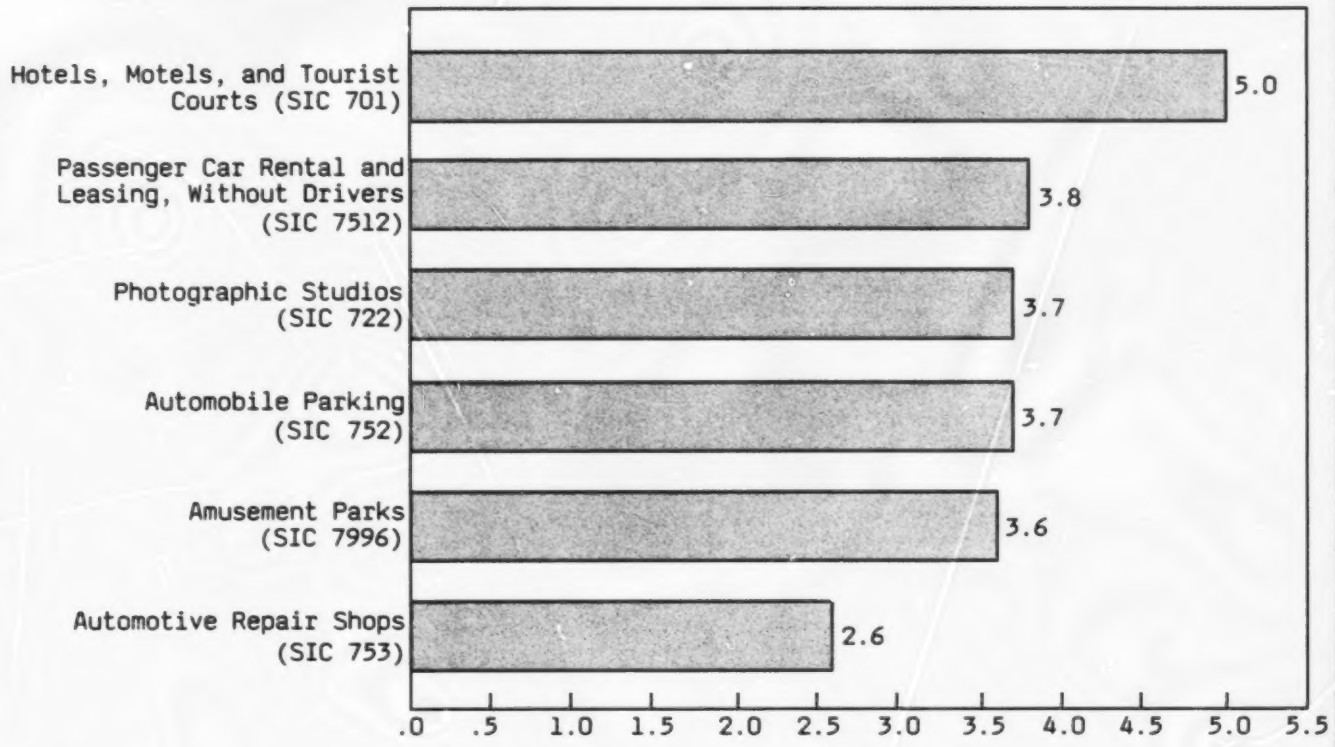
CHART 10. **Taxes as a Percent of Selected Service Receipts, by Selected Kind of Business: 1984**



NOTE: The data represented in this chart are subject to sampling variability, however, measures of sampling variability have not been calculated.

Table 8. Estimates of Per Capita Receipts of Service Industries: 1977 Through 1984

(Corresponds to data in Tables 1A and 2A)

SIC code	Kind of Business	Per capita receipts[2] (dollars)							
		1984	1983	1982	1981	1980	1979	1978	1977
	SELECTED SERVICES, EXCLUDING HEALTH, LEGAL, OTHER PROFESSIONAL, AND MISCELLANEOUS SERVICES								
7,ex.73	Total selected services, excluding business services[1]	755	703	657	640	587	546	488	426
701,3	Hotels, motels, tourist courts, camps, and trailering parks	172	160	148	141	126	117	100	85
701	Hotels, motels, and tourist courts	166	155	142	136	119	111	97	81
72	Personal services	148	140	124	120	111	105	97	85
721	Laundry, cleaning, and garment services	52	46	43	42	41	38	36	31
7215	Coin-operated laundries and dry cleaning	7	7	6	6	6	6	6	(NA)
7216	Dry cleaning plants, except rug cleaning	16	14	13	13	12	11	11	(NA)
722	Photographic studios, portrait	9	9	9	8	8	6	6	(NA)
723	Beauty shops	35	33	28	27	26	24	22	20
724	Barber shops	4	5	4	5	5	5	5	5
726	Funeral service and crematories	19	18	17	16	15	16	14	(NA)
75	Automotive repair, services, and garages	171	154	147	142	135	125	108	99
751	Automotive rental and leasing, without drivers	50	45	42	41	39	34	28	(NA)
7512	Passenger car rental and leasing, without drivers	28	25	23	22	21	18	16	(NA)
7513	Truck rental and leasing, without drivers	21	19	19	19	18	16	12	(NA)
752	Automobile parking	10	8	7	7	6	5	5	(NA)
753	Automotive repair shops	101	93	89	84	80	77	67	59
76	Miscellaneous repair services	74	69	70	74	68	64	60	51
7622	Radio and television repair shops	7	7	7	7	6	6	5	(NA)
78	Motion pictures	66	63	61	60	55	51	48	(NA)
783	Motion picture theaters	17	16	16	15	16	15	14	(NA)
79	Amusement and recreation services, except motion pictures	123	117	108	103	91	83	75	(NA)
793	Bowling alleys and billiard and pool establishments	11	11	10	9	10	8	8	(NA)
7996	Amusement parks	10	10	8	8	7	6	6	(NA)
	HEALTH SERVICES[3]								
80,ex.806	Health services, except hospitals	555	500	458	418	354	305	271	(NA)
801	Offices of physicians	266	245	220	200	172	148	133	(NA)
802	Offices of dentists	78	74	70	65	56	51	47	(NA)
805	Nursing and personal care facilities	91	80	76	70	59	49	42	(NA)
8071	Medical laboratories	15	14	12	11	10	9	7	(NA)
8072	Dental laboratories	6	6	5	6	5	5	4	(NA)
	MISCELLANEOUS SERVICES								
81	Legal services[4]	192	171	149	134	114	102	97	(NA)
*824	Correspondence schools and vocational schools[3]	9	8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

[1]Total selected services excluding business services: The sum of SIC's 701 and 703 (701,3) 72, 75, 76, 78, and 79. [2]Civilian Population Estimates as of July 1: 1984 - 234,443 (thousands); 1983 - (revised) [r]232,327 (thousands); 1982 - [r]230,152 (thousands); 1981 - [r]227,894 (thousands) 1980 - 225,632 (thousands); 1979 - 222,969 (thousands); 1978 - 220,467 (thousands); 1977 - 218,106 (thousands). [3]Estimates are derived from a sample of employers only and, therefore, do not include nonemployer receipts. [4]Estimates are derived from a sample of taxable employers only and, therefore, do not include nonemployer receipts or receipts from tax-exempt organizations.

NOTE: Receipts estimates are not adjusted for price changes. Detail may not add to total due to rounding. The estimates in this table are subject to sampling variability, however measures of sampling variability have not been calculated.

Source: U.S. Department of Commerce, Bureau of the Census, Service Annual Survey and Current Population Report, Series, P-25-N0917 and P-25-N0965.

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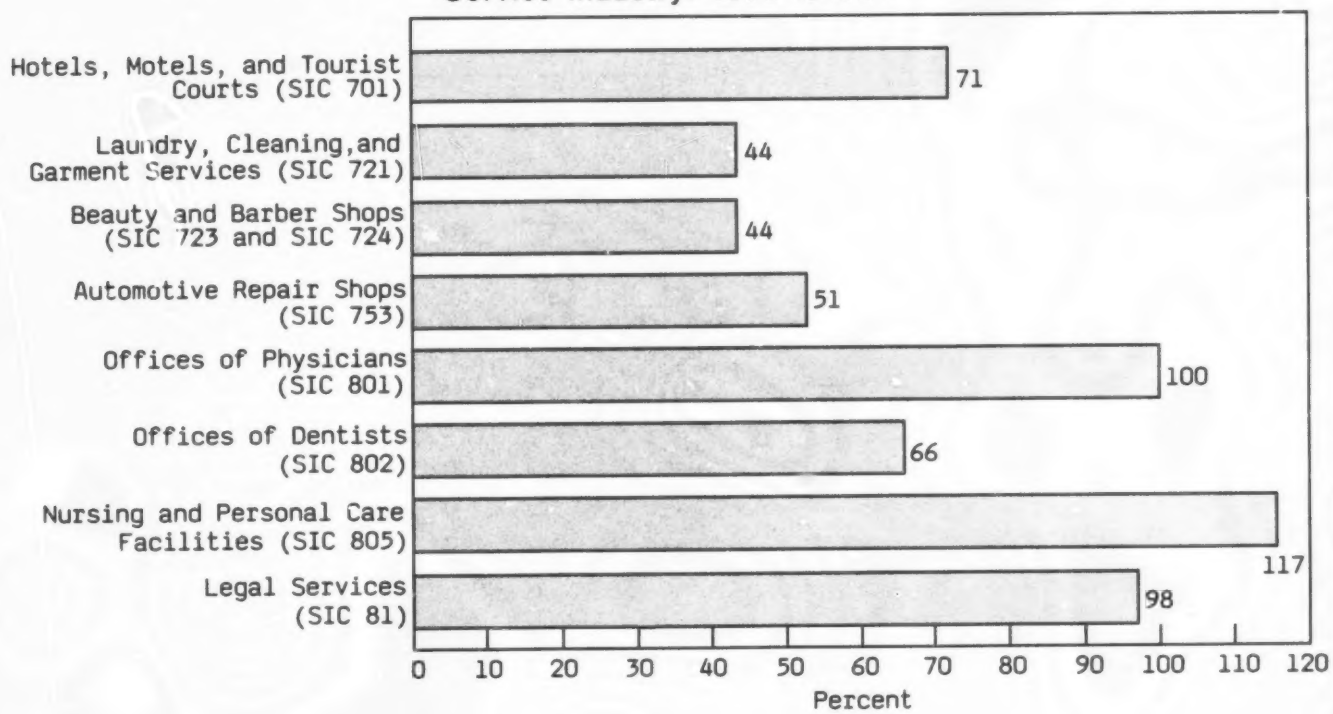
CHART 11. **Percent Change in Per Capita Receipts, by Selected Service Industry: 1978 to1984**



NOTE: Data are not adjusted for price changes.

The data represented in this chart are subject to sampling variability, however,measures of sampling variability have not been calculated.

Source: U.S. Dept. of Commerce, Bureau of the Census, Service Annual Survey and Current Population Reports Series P-25, No. 917 and No. 965.

Table 9. Estimated Coefficients of Variation for Receipts Estimates and Estimates of Year-to-Year Percent Change of Selected Service Industries: 1984 and 1983

SIC code	Kind of business	Coefficients of variation		
		Annual receipts		Year-to-year change
		1984	1983	1984/1983
	SELECTED SERVICES, EXCLUDING HEALTH, LEGAL, OTHER PROFESSIONAL, AND MISCELLANEOUS SERVICES			
7	Total selected services	1.2	0.9	0.7
7,ex.73	Total selected services, excluding business services	1.2	0.8	0.9
701,3	Hotels, motels, tourist courts, camps, and trailering parks	1.8	1.4	1.3
701	Hotels, motels, and tourist courts	1.8	1.4	1.4
72	Personal services	2.9	2.1	2.6
721	Laundry, cleaning, and garment services	4.5	3.2	3.6
7215	Coin-operated laundries and dry cleaning	6.8	5.6	4.0
7216	Dry cleaning plants, except rug cleaning	7.7	3.9	6.6
722	Photographic studios, portrait	3.7	5.0	4.6
723	Beauty shops	4.6	3.5	3.6
724	Barber shops	6.7	5.3	4.9
726	Funeral service and crematories	4.0	3.5	3.0
*73	Business services	2.3	1.8	1.0
*731	Advertising	4.0	4.0	1.3
*7311	Advertising agencies	3.9	4.3	1.1
*734	Services to dwellings and other buildings	4.1	4.1	1.6
*736	Personnel supply services	6.7	5.3	3.4
*737	Computer and data processing services	5.2	4.8	1.2
*7372	Computer programming and other software services	10.3	10.4	2.2
*7374	Data processing services	5.5	5.5	1.2
*7379	Computer related services, N.E.C.	6.0	6.1	3.6
*7392	Management, consulting, and public relations services	4.1	3.5	1.7
*7393	Detective agencies and protective services	5.8	5.5	2.0
75	Automotive repair, services, and garages	2.6	1.6	1.8
751	Automobile rental and leasing, without drivers	2.4	1.7	1.7
7512	Passenger car rental and leasing, without drivers	3.5	2.8	2.0
7513	Truck rental and leasing, without drivers	3.0	1.3	2.9
752	Automobile parking	12.4	8.4	11.6
753	Automotive repair shops	4.0	2.4	2.6
76	Miscellaneous repair services	3.3	2.5	3.0
7622	Radio and television repair shops	2.9	3.6	2.1
78	Motion pictures	5.2	3.2	4.3
783	Motion picture theaters	4.1	2.9	4.5
79	Amusement and recreation services, except motion pictures	2.9	2.0	1.9
793	Bowling alleys and billiard and pool establishments	4.8	4.9	5.9
7996	Amusement parks	2.6	4.2	2.0

*SIC's not previously published in the Service Annual Survey.

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Table 10. Estimated Coefficients of Variation for Receipts Estimates and Estimates of Year-to-Year Percent Change for Health, Other Professional, and Miscellaneous Service Industries: 1984 and 1983

SIC code	Kind of business	Coefficients of variation		
		Annual receipts		Year-to-year change
		1984	1983	1984/1983
	HEALTH SERVICES			
80,ex.806	Health services, except hospitals	2.0	1.5	1.2
801	Offices of physicians	1.7	1.1	1.3
802	Offices of dentists	1.3	1.0	0.8
805	Nursing and personal care facilities	5.5	4.6	3.5
8071	Medical laboratories	6.6	3.7	5.1
8072	Dental laboratories	5.5	3.5	3.3
	OTHER PROFESSIONAL SERVICES			
81	Legal services	2.6	2.2	1.8
*891	Engineering, architectural, and surveying services	3.3	2.4	2.2
*893	Accounting, auditing, and bookkeeping services	3.9	3.3	1.7
	MISCELLANEOUS SERVICES			
*4722	Arrangement of passenger transportation	7.3	6.4	3.7
*653	Real estate agents and managers	8.0	8.2	1.4
*824	Correspondence schools and vocational schools	7.7	5.7	4.9

*SIC's not previously published in the Service Annual Survey.

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Appendix A. Explanatory Material

Definition of Terms

Total Selected Services. The sum of SIC's 701 and 703 (701,3) 72, 73, 75, 76, 78, and 79.

Receipts. Payments from customers or clients for services rendered, from the use of facilities, and from merchandise sold during 1984 (or other published years), whether or not payment was received in that year, except for legal services and health practitioners which reported on a cash basis (payments received in the published year regardless of when services were rendered).

Receipts are net after deductions for refunds and allowances for merchandise returned by customers. Receipts do not include sales, occupancy, admissions, or other taxes collected from customers and remitted directly by the firm to a local, State, or Federal tax agency; nor do they include nonoperating income from such sources as interest, investments, gifts, loans, contributions, or grants.

Receipts in this report do not include service receipts of manufacturers, wholesalers, retail establishments, or other businesses whose primary activity is other than service. They do, however, include receipts other than from services rendered (e.g., sales of merchandise to individuals or other businesses) by establishments primarily engaged in performing services and classified in the service industries.

Taxes. Sales, amusement, occupancy, and other taxes collected directly from customers and paid directly to a local, State, or Federal tax agency.

Legal Form of Organization. Based on the response to the organizational status inquiry on the Service Annual Survey report forms, this report presents data for selected service industries for the following legal forms of organization:

1. Individual proprietorship—An unincorporated firm owned by one individual.
2. Partnership—An unincorporated firm owned by two or more persons each of whom has financial interest in the firm.
3. Corporation—A company, including professional service corporations, incorporated under State laws.

Leased Service Departments. Separately owned businesses operated as departments or concessions of another service establishment or of a retail business under another ownership (such as a separately owned shoe shine parlor in a barber shop or a beauty salon in a department store) are treated as separate service establishments for our sample survey purposes. Leased retail departments under another ownership located in service establishments (e.g., a gift shop located in a hotel) are considered separate retail establishments.

Firm. A business organization or entity consisting of one or more domestic establishments/locations under common ownership or control.

Sample Design

The Service Annual Survey sample consists of two components:

1. The primary component is the list sample—a probability sample, selected from employers on the Census Bureau's Standard Statistical Establishment List (SSEL). The SSEL includes all employer businesses that make social security payments for employees under the Federal Insurance Contributions Act (FICA). The list sample is updated quarterly to account for new employer businesses (births) and employers which go out of business (deaths).
2. The secondary component is the area sample—a probability sample of land segments. Service businesses covered by this survey (with the exception of establishments providing real estate, health, or legal services) which are not subjected to sampling in the list sample, are represented by similar service business establishments found in these land segments. This includes nonemployers and business births which are not yet represented in our sample.

List Sample

For most SIC's, the sample was originally drawn from establishments on the Standard Statistical Establishment List as of December 31, 1979. The SSEL consisted of two lists. One list was composed of all Employer Identification (EI) numbers for businesses with reported payroll for at least one quarter of 1979. The EI number is the primary tax payer identifier used by employer business firms. The second list consisted of all locations of acknowledged multiestablishment companies as of December 31, 1979. These lists contained information on sales or receipts, payroll, employment, name and address, kind-of-business classification, etc.

Before the sampling frame was available, a study was made using files from the 1977 Census of Service Industries. This study determined the stratification of the sampling units based on 1977 receipts and kind of business, and also determined the

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cptimal allocation of the sample necessary to meet specified sampling variability objectives for receipts of different kind-of-business groups. The primary stratum boundary determined in the study was the certainty cutoff to be used for each kind of business. The cutoff was particularly important since it also determined the type of sampling unit.

The sampling units consist of both companies and EI's. If a company had total receipts (on a 1977 basis) above the corresponding cutoff for its major kind of business, the company was selected into the sample with certainty. The company, which might consist of many EI's, was then the sampling unit; therefore, any new establishments that the company might acquire, even if under new or different EI's, were in the sample with certainty. The EI was the sampling unit for all single-establishment companies, whether or not selected with certainty. All multiestablishment service companies not selected with certainty were treated on an EI basis; that is, the EI was the sampling unit.

To be eligible for the initial sampling, an EI had to be active, i.e., had payroll in 1979 and was on the latest available IRS active mailing list for FICA taxpayers. The EI's were then stratified according to their major kind of business and their estimated receipts (on a 1977 basis). Within each stratum, a simple random sample of EI's was selected. The sampling rates for these EI's varied between 1 in 3 and 1 in 600.

For SIC's that were recently added to the survey (4722, 653, 824, and 893), the initial sample selection methodology was essentially the same as that for the other service SIC's except that the parameter studies and sample selection for SIC's 4722, 824, and 893 were done using the 1982 census files and for SIC 653 was done using the 1982 SSEL. In addition, since 1982 data were used in the parameter studies, the EI's for the recently added SIC's were stratified according to their major KB (as of 1982) and their estimated 1982 receipts.

For all EI "births" after the initial selection, a two-phase selection procedure is used. EI births are new EI's recently assigned by the Internal Revenue Service (IRS) and on the latest available IRS mailing list for FICA taxpayers. In the first phase, births are arranged by kind of business and size (expected employment or quarterly payroll). A relatively large sample is drawn and canvassed (receipts of two recent months) in order to obtain a more reliable measure of size and correct kind-of-business code or a more detailed kind-of-business code, if needed.

Using this more reliable information, the births selected in phase one are subjected to probability proportional-to-size sampling with overall probabilities equivalent to those used in drawing the initial sample from the 1979 SSEL (from the 1982 census for SIC's 4722, 824, and 893, and from the 1982 SSEL for SIC 653). Because of the lag in identifying births and the time needed to accomplish the two-phase birth selection procedure, births are actually added to the sample on an average of 12 to 18 months after they began operation. The birth selection procedure is carried out quarterly.

To be eligible for the sample canvass and tabulation, a service business must meet both of the following requirements:

1. It must be on the latest available IRS mailing list for FICA taxpayers from the previous quarter.
2. It must have been selected from either the SSEL (or the 1982 census files for SIC's 4722, 824, and 893) or the file of employer births.

In the case of businesses that were selected into the sample with certainty, the first requirement is changed. These sampling units are not dropped from canvass and tabulation if they are no longer on the IRS mailing list. Rather, these businesses are contacted, and if there are successor businesses, they are added to the survey.

Area Sample

The area sample is a multistage sample. In the first stage, 10 primary sampling units (single counties or groups of contiguous counties) were selected with certainty and 48 were drawn with probability proportional to size (population). In succeeding stages, a sample of small land segments was selected in each primary sampling unit (PSU) and was then divided into 6 or 12 area panels to be used in different months on a rotating basis. The probability of selection of the segments is usually 1 in 1,000 (1 in 2,000 or 1 in 3,000 in the smallest PSU's). Approximately 420 land segments are enumerated each month.

In the Service Annual Survey sample, three area sample panels are used. This reduces the overall sampling rate to 1 in 333 (1 in 667 or 1 in 1,000 in the smallest PSU's).

All inscope service establishments except those with real estate, health, and legal service SIC's in these selected land segments are canvassed. Sufficient information (mainly concerning the EI number) is obtained to determine whether the business has had a chance of selection in the list sample component. If it has no EI number or if its EI number fails to match either the list sample universe or the current FICA mailing list, it is tabulated in the area sample. The area sample includes businesses without employees for certain SIC's, and employers (mainly recent EI births) not represented in the list sample.

Since the samples for real estate, health, and legal services do not include an area sample component, an interim procedure is required to account for births during the period between the onset of activity and the time of birth selection. This consists of imputing for all cases which go out of business but which are still active on the IRS mailing list.

Estimation of Receipts Prior to Benchmarking

The 1981 through 1984 receipts published in this report were developed from the summation of weighted data reported by the sampling units in the 1984, 1983, and 1982 Service Annual Surveys. The assigned weights are the inverse of the probability of selection (or sampling rate) of the sampling units.

The receipts estimates for service SIC's (other than correspondence and vocational schools, real estate, health or legal services) are modified because service nonemployer establishments are not represented by the area sample for some SIC's and underrepresented for other SIC's. This nonrepresentation and underrepresentation is because some of these establishments are not visibly recognizable as businesses; hence, they are missed in the area sample canvass. In the SIC's where the nonemployer proportion of the receipts estimate is not severely

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underestimated by the area sample (i.e., for underrepresentation), the nonemployer component is modified by multiplying it by the ratio of the 1977 census receipts estimate for nonemployers to the 1977 estimate for nonemployers developed from the area sample. In SIC's where the nonemployer proportion would be severely underestimated by using data collected in the area sample, data from the nonemployer component is not tabulated directly from the nonemployers in the area sample, rather it is obtained from employer data so that the nonemployer component accounts for the same proportion of the total estimate that it accounted for in the 1977 census.

The sample for correspondence and vocational schools, health, legal, and real estate services is limited to employer establishments. Consequently, no adjustment is made to the receipts estimates for these kinds of services.

Reliability of Data

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Nonsampling errors can be attributed to many sources in the collection and processing of the data. The accuracy of a survey result is determined by the joint effect of sampling and nonsampling errors.

Measures of Sampling Variability

Because the estimates were based on a sample, exact agreement with the results that would be obtained from a complete census of service industries using the same enumeration procedure was not expected. However, because each service firm in the United States in the specified SIC's had a chance of being selected for the sample and because the probability of selection for each service firm in the sample was known, it was possible to estimate the sampling variability of the estimates made from the sample.

The standard error of the estimate is a measure of the variability among the estimates from all possible samples of the same size and design and thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a complete enumeration. The coefficient of variation (expressed as a percent) is the standard error of the estimate times 100 percent divided by the value being estimated. Note that measures of sampling variability, such as the standard error or coefficient of variation, are estimated from the sample and are also subject to sampling variability. Coefficients of variation for receipts estimates and year-to-year changes are shown in tables 9 and 10.

The coefficients of variation presented in these tables permit certain confidence statements about the sample estimates. The particular sample used in this survey was one of a large number of samples of the same size that could have been selected using the same design. In about two out of three of these samples, the estimates would differ from a complete enumeration by less than the corresponding percentages for that estimate shown in the sampling variability tables. In about 19 out of 20 of these samples, the estimates would differ from the results of a complete enumeration by less than twice the percentages shown.

To illustrate the computations involved in the above confidence statements as related to dollar volume receipts estimates, assume that an estimate of receipts published in table 1A is $10,750 million for a particular year and that the coefficient of variation for this estimate, as given in table 9 is 1.8 percent, or 0.018. Multiplying $10,750 million by 0.018 yields $194 million. Therefore, a 67-percent confidence interval is $10,556 million to $10,944 million ($10,750 million plus or minus $194 million). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of the intervals would contain the figure obtained from a complete enumeration. Similarly, a 95-percent confidence interval is $10,362 million to $11,138 million ($10,750 million plus or minus $388 million).

Nonsampling Errors

As calculated for this report, the coefficient of variation measures sampling errors but does not measure any systematic biases in the data. Bias is the difference, averaged over all possible samples of the same size and design, between the estimate and the true value being estimated.

Nonsampling errors can be attributed to many sources: (1) inability to obtain information about all cases in the sample, (2) response errors, (3) definitional difficulties, (4) differences in the interpretation of questions, (5) mistakes in recording or coding the data obtained, and (6) other errors of collection, response, coverage, and estimation for missing data. These nonsampling errors also occur in complete censuses.

Although no direct measurement of the biases due to nonsampling errors has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize their influence.

A major source of receipts bias in the published estimates is due to imputing data for nonrespondents, for late reporters, and for data which fail edit. For all kinds of business combined, imputed receipts amount to about 12 percent of the national receipts estimates.

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Appendix B. Kind-of-Business Classifications

Selected services included in this report are classified in accordance with the 1972 edition of the *Standard Industrial Classification (SIC) Manual,* and the 1977 Supplement, issued by the Office of Management and Budget for purposes of providing a standard for the classification and presentation of data by all Federal agencies. Each establishment, firm, or organization is classified according to the major service (determined by volume of receipts) it provides. Establishments, firms, and organizations owned and operated by Federal, State, or local governments are excluded. Following is a description of each kind-of-business classification presented in this report.

ARRANGEMENT OF PASSENGER TRANSPORTATION (SIC 4722).

Establishments primarily engaged in furnishing travel information, acting as agents in arranging tours and transportation for passengers, or acting as independent ticket agencies for transportation establishments.

REAL ESTATE AGENTS AND MANAGERS (SIC 653).

Establishments primarily engaged in renting, buying, selling, managing, and appraising real estate for others.

HOTELS, MOTELS, TOURIST COURTS, CAMPS, AND TRAILERING PARKS (SIC MAJOR GROUP 701,3)

Establishments primarily engaged in providing lodging, or lodging and meals to the general public, including year-round and seasonal hotels, motels, and tourist courts, and commercial establishments which provide camping and trailer space or camping facilities on a fee basis. Excluded are (1) rooming and boarding houses (SIC 702) and (2) organizational hotels and lodging houses operated by membership organizations not open to the general public (SIC 704).

Hotels, Motels, and Tourist Courts (SIC 701). Commercial establishments, known to the public as hotels, motor hotels, motels, or tourist courts, primarily engaged in providing lodging, or lodging and meals, for the general public.

PERSONAL SERVICES (SIC MAJOR GROUP 72)

Establishments primarily engaged in services generally involving the care of one's personal appearance or apparel, such as barber and beauty shops, cleaning and dyeing plants, laundries, pressing and garment repair shops, photographic studios (excluding commercial photography), and shoe repair shops.

Laundry, Cleaning, and Garment Services (SIC 721). Establishments primarily engaged in providing a wide variety of laundry and cleaning services including power and hand laundries, coin-operated laundries, dry-cleaning and dyeing plants, rug cleaning, and linen supply and diaper services.

Coin-Operated Laundries and Dry Cleaning (SIC 7215). Establishments primarily engaged in the operation of coin-operated or similar self-service laundry and dry cleaning equipment for use on the premises, or in apartments, dormitories, and similar locations.

Dry Cleaning Plants, Except Rug Cleaning (SIC 7216). Plants primarily engaged in dry cleaning or dyeing apparel and household fabrics other than rugs.

Photographic Studios, Portrait (SIC 722). Establishments primarily engaged in portrait photography for the general public.

Beauty Shops (SIC 723). Establishments primarily engaged in furnishing beauty services, or both beauty and barber services. Schools for the instruction of beauticians are also included.

Barber Shops (SIC 724). Establishments primarily engaged in providing barber and men's hair styling services. Barber colleges are also included.

Funeral Service and Crematories (SIC 726). Establishments primarily engaged in preparing the dead for burial, conducting funerals, and cremating the dead.

BUSINESS SERVICES (SIC MAJOR GROUP 73)

Establishments primarily engaged in rendering services to business establishments on a fee or contract basis such as advertising; mailing services; building maintenance services; employment services; management and consulting services; protective services; equipment rental and leasing (except finance leasing); commercial research, development, and testing; photofinishing; and personnel supply services.

Advertising (SIC 731). Establishments primarily engaged in providing advertising services, such as advertising agencies; out-

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door advertising services; radio, television, and publishers' advertising representatives; advertising research services; aerial advertising; and circular and handbill distribution.

Advertising Agencies (SIC 7311). Establishments primarily engaged in preparing advertising (writing copy, art work, graphics, and other creative work) and placing such advertising in periodicals, newspapers, radio and television, or other advertising media for clients on a commission or fee basis.

Services to Dwellings and Other Buildings (SIC 734). Establishments primarily engaged in cleaning windows, disinfecting, exterminating, and cleaning and maintenance services to dwellings and other buildings.

Personnel Supply Services (SIC 736). Establishments primarily engaged in providing employment services, temporary help, or personnel to perform a range of services in operating specified facilities or continuing services on a contract or fee basis.

Computer and Data Processing Services (SIC 737). Establishments primarily engaged in providing services in computer programming; data processing; and rental, leasing, repair and maintenance of computers and related equipment.

Computer Programming and Other Software Services (SIC 7372). Establishments primarily engaged in providing services in computer programming, systems design and analysis, and other computer "software."

Data Processing Services (SIC 7374). Establishments primarily engaged in providing data processing services to others. Also included are establishments primarily engaged in the management and operation of the computer and data processing faccilities of others on a continuing basis.

Computer Related Services, Not Elsewhere Classified (N.E.C.) (SIC 7379). Establishments primarily engaged in supplying computer and data processing services, not elsewere classified, such as rental, leasing, repair and maintenance of computers and related equipment. Computer consultants operating on a fee basis are classified here. Leasing of computers and related equipment directly by the manufacturer is excluded.

Management, Consulting, and Public Relations Services (SIC 7392). Establishmants primarily engaged in furnishing a wide variety of general or specialized management, consulting, or public relations services on a contract or fee basis.

Detective Agencies and Protective Services (SIC 7393). Establishments primarily engaged in providing personnel for detective, investigative, patrolling, night watching, or personal protective services. Establishments primarily engaged in maintenance and monitoring of mechanical protective devices, such as burglar and fire alarm systems, are also included.

AUTOMOTIVE REPAIRS, SERVICES, AND GARAGES (SIC MAJOR GROUP 75)

Establishments primarily engaged in furnishing automotive repair services, rental and leasing of passenger cars, trucks, or trailers (without drivers), car washes and automobile parking and live storage services to the general public.

Automotive Rental and Leasing, Without Drivers (SIC 751). Establishments primarily engaged in daily or extended-term rental or leasing (with or without maintenance) of passenger cars, trucks, truck tractors and utility trailers, and other automotive equipment without drivers. Establishments primarily engaged in finance (equity) leasing of passenger cars and trucks are excluded.

Passenger Car Rental and Leasing, Without Drivers (SIC 7512). Establishments primarily engaged in short-term rental or extended-term leasing (with or without maintenance) of passenger cars without drivers. Establishments primarily engaged in finance (equity) leasing of passenger cars are excluded.

Truck Rental and Leasing, Without Drivers (SIC 7513). Establishments primarily engaged in short-term rental or extended-term leasing (with or without maintenance) of trucks, truck tractors, or semitrailers without drivers. Establishments primarily engaged in finance (equity) leasing of trucks, truck tractors, or semitrailers are excluded.

Automobile Parking (SIC 752). Establishments primarily engaged in the temporary parking of automobiles on open-air lots and in parking structures. Establishments providing long-term or dead storage of automobiles are excluded.

Automotive Repair Shops (SIC 753). Establishments primarily engaged in general and specialized repair of automotive vehicles, including tops and bodies, tire retreading and recapping, paint shops, engine repair, and other specialized automobile repairs.

MISCELLANEOUS REPAIR SERVICES (SIC MAJOR GROUP 76)

Establishments primarily engaged in repair services not elsewhere classified. Among the kinds of business included within this group are electrical repair shops, including refrigerator, radio, and television repair; watch, clock, and jewelry repair; reupholstery and furniture repair; welding repair; and armature rewinding shops.

Radio and Television Repair Shops (SIC 7622). Establishments primarily engaged in repairing radios, television sets, phonographs, high fidelity (hi-fi) or stereophonic equipment, and tape recorders. Also included are establishments engaged in installing and repairing television sets, amateur and citizens' band antennas; or in installing and servicing radio transmitting and receiving equipment in homes, offices, small boats, automobiles, or other vehicles.

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MOTION PICTURES (SIC MAJOR GROUP 78)

Establishments primarily engaged in producing and distributing motion picture films and television tapes for theatrical, nontheatrical, and television exhibitors, and establishments engaged in services allied to the production and distribution of the films. Also included are theaters engaged in the exhibition of motion picture films.

Motion Picture Theaters (SIC 783). Establishments commercially operated as conventional or "four wall" theaters, primarily engaged in the indoor exhibition of motion pictures; and theaters commonly known as "drive-ins," primarily engaged in the outdoor exhibition of motion pictures.

AMUSEMENT AND RECREATION SERVICES (SIC MAJOR GROUP 79)

Establishments whose primary function is to provide amusement or entertainment on payment of a fee or admission charge, such as bands and orchestras, bowling alleys, billiard and pool establishments, spectator sports involving professional and semiprofessional clubs, golf courses and country clubs, racetrack operations, and amusement parks.

Bowling Alleys and Billiard and Pool Establishments (SIC 793). Commercially operated establishments known to the public as bowling alleys or lanes and billiard or pool parlors.

Amusement Parks (SIC 7996). Establishments known as amusement parks, kiddie parks, etc., which group together and operate in whole or in part a number of attractions such as mechanical rides, amusement devices, refreshment stands, and picnic grounds.

HEALTH SERVICES, EXCLUDING HOSPITALS (SIC MAJOR GROUP 80, EXCEPT 806)

Establishments other than hospitals primarily engaged in furnishing medical, surgical, and other health services to persons. Also included are groups primarily engaged in providing medical or other health services to members.

Offices of Physicians (SIC 801). Establishments of licensed practitioners having the degree of M.D. and engaged in the practice of general or specialized medicine and surgery. Included are clinics, in which a group of physicians are associated for the purpose of carrying on their profession. Associations of physicians formed solely for the sharing of expenses (including payroll) and not for the purpose of carrying on their profession are excluded.

Offices of Dentists (SIC 802). Establishments of licensed practitioners having the degree of D.D.S. (or D.D.Sc.) and engaged in the practice of general or specialized dentistry, including dental surgery.

Nursing and Personal Care Facilities (SIC 805). This group includes establishments primarily engaged in providing nursing and health-related personal care, with inpatient beds.

Medical Laboratories (SIC 8071). Establishments primarily engaged in providing professional analytic or diagnostic services to the medical profession, or to the patient on prescription of a physician.

Dental Laboratories (SIC 8072). Establishments primarily engaged in making dentures and artificial teeth to order for the dental profession.

LEGAL SERVICES (SIC MAJOR GROUP 81)

Establishments engaged in offering legal advice or legal services, the heads of which are members of the bar. Tax-exempt establishments and associations of lawyers formed solely for the sharing of expenses (including payroll) and not for the purpose of jointly carrying on their profession are excluded.

CORRESPONDENCE SCHOOLS AND VOCATIONAL SCHOOLS (SIC 824).

Establishments primarily engaged in furnishing educational courses by mail, including data processing courses in programming, and in computer and peripheral equipment operation, including key punch operation; and establishments primarily engaged in offering courses in business machines operation, office procedures, secretarial and stenographic skills, specialized trade, or commercial courses.

ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES (SIC 891).

Establishments primarily performing services of a professional nature in fields of engineering, architecture, and land surveying.

ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES (SIC 893).

Establishments primarily engaged in furnishing accounting, auditing, and bookkeeping services. Such establishments may, as part of providing such services, use data processing and tabulating techniques.

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